

Rules summary sheet for the Bell Alluvial Groundwater Source

Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	Macquarie-Castlereagh Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This fact sheet summarises the rules contained in the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020*. It is intended as a guide only. Consult the water sharing plan for further details which can be accessed via the department's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans/status>.

Approvals and licences also contain conditions that holders must comply with. You can access this information from your 'Statement of Approval' or 'Statement of Conditions' or alternatively via <https://waterregister.waternsw.com.au>.

Table 2. Limits to the availability of water

Limit	Explanation
Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 3,299 ML/year.
Compliance with the long-term average annual extraction limit	Average extractions for the preceding five-year period will be assessed against the LTAAEL. If growth in extractions causes the five-year average to exceed LTAAEL by more than 10%, maximum water account debits or available water determinations will be used to return the average extraction volume to the LTAAEL.
Available water determinations	Available water determinations (AWDs) will be made at the start of each water year for: <ul style="list-style-type: none">• domestic and stock and local water utility access licences—100% of the share component unless the minister determines otherwise• aquifer access licences—1 ML/unit share or a lower amount if required to return the five-year average extraction volume to the LTAAEL.

Table 3. Rules for granting access licences

Type	Rules
Granting of access licences	<p>Granting of specific purpose access licences may be considered for the following categories:</p> <ul style="list-style-type: none">• specific purpose access licences under the <i>Water Management (General) Regulation 2018</i> (or any replacement regulation)• aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/year per application.

Table 4. Rules for managing access licences

Type	Rules
Carryover and account limits	<p>No carryover is permitted.</p> <p>The maximum account take limit is the sum of water allocations credited to the water allocation account for the access licence from available water determinations in that water year plus any adjustments made for allocation assignments or water allocation re-credits into the account.</p>

Table 5. Trading rules

Trade type	Rules
Into groundwater source	Not permitted.
Within groundwater source	Permitted, subject to assessment.
Out of groundwater source	Not permitted.

Table 6. Rules for water supply works approvals

Type	Rules
<p>Rules to minimise interference between bores</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore, on another landholding, in the same water source, that is used solely for basic landholder rights • 200 m of an existing bore, on another landholding in the same water source that is not used solely for basic landholder rights • 100 m of the boundary of the property (unless written consent gained from neighbour) • 500 m of a local water utility or major water utility bore, in the same water source (unless consent written gained from the utility) • 100 m of a government monitoring or observation bore. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p>
<p>Rules for bores located near contamination sources</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:</p> <ul style="list-style-type: none"> • 500 m of a contamination source • 250 m of the edge of a plume associated with a contamination source • between 250 m and 500 m from the edge of a plume associated with a contamination source unless no drawdown of water will occur within 250 m of the plume • 250 m of an on-site sewage disposal system. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p> <p>Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores located near high-priority, groundwater-dependent ecosystems</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem (GDE), or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority GDE for bores that are not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>
<p>Rules for bores located near groundwater-dependent, culturally significant areas</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores used solely for basic landholder rights</p>	<p>Water supply work (bores) approvals used solely for basic landholder rights may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 100 m of a government monitoring or observation bore • 40 m from the top of the high bank of a river • 100 m of a high-priority GDE • 100 m of a groundwater-dependent, culturally significant area. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p>
<p>Rules for replacement groundwater works</p>	<p>Replacement groundwater works means a water supply work that:</p> <ul style="list-style-type: none"> • will replace an existing authorised water supply work, constructed to extract groundwater from same groundwater source and at same depth of existing works • within 20 m of existing works, and no closer to top of high riverbank if within 40 m from top of high riverbank • will have no greater internal diameter or excavation footprint than existing works.

More information about the planning process and the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020* is available at the Department of Planning, Industry and Environment's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans>.

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Rules summary sheet for the Castlereagh Alluvial Groundwater Source

Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	Macquarie-Castlereagh Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This fact sheet summarises the rules contained in the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020*. It is intended as a guide only. Consult the water sharing plan for further details which can be accessed via the department's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans/status>.

Approvals and licences also contain conditions that holders must comply with. You can access this information from your 'Statement of Approval' or 'Statement of Conditions' or alternatively via <https://waterregister.waternsw.com.au>.

Table 2. Limits to the availability of water

Limit	Explanation
Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 621 ML/year.
Compliance with the long-term average annual extraction limit	Average extractions for the preceding five-year period will be assessed against the LTAAEL. If growth in extractions causes the five-year average to exceed LTAAEL by more than 5%, maximum water account debits or available water determinations will be used to return the average extraction volume to the LTAAEL.
Available water determinations	Available water determinations (AWDs) will be made at the start of each water year for: <ul style="list-style-type: none"> domestic and stock and local water utility access licences—100% of the share component unless the minister determines otherwise aquifer access licences—1 ML/unit share or a lower amount if required to return the five-year average extraction volume to the LTAAEL.

Table 3. Rules for granting access licences

Type	Rules
Granting of access licences	<p>Granting of specific purpose access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> • specific purpose access licences under the <i>Water Management (General) Regulation 2018</i> (or any replacement regulation) • aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/year per application.

Table 4. Rules for managing access licences

Type	Rules
Carryover and account limits	<p>No carryover is permitted.</p> <p>The maximum account take limit is the sum of water allocations credited to the water allocation account for the access licence from available water determinations in that water year plus any adjustments made for allocation assignments or water allocation re-credits into the account.</p>

Table 5. Trading rules

Trade type	Rules
Into groundwater source	Not permitted.
Within groundwater source	Permitted, subject to assessment.
Out of groundwater source	Not permitted.

Table 6. Rules for water supply works approvals

Type	Rules
<p>Rules to minimise interference between bores</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore, on another landholding, in the same water source, that is used for basic landholder rights • 400 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights • 100 m of the boundary of the property (unless written consent gained from neighbour) • 500 m of a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility) • 100 m of a government monitoring or observation bore. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p>
<p>Rules for bores located near contamination sources</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:</p> <ul style="list-style-type: none"> • 500 m of a contamination source • 250 m of the edge of a plume associated with a contamination source • between 250 m and 500 m from the edge of a plume associated with a contamination source unless no drawdown of water will occur within 250 m of the plume • 250 m of an on-site sewage disposal system. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p> <p>Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores located near high-priority, groundwater-dependent ecosystems</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem (GDE), or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority GDE for bores that are not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>
<p>Rules for bores located near groundwater-dependent, culturally significant areas</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores used solely for basic landholder rights</p>	<p>Water supply work (bores) approvals used solely for basic landholder rights may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 100 m of a government monitoring or observation bore • 40 m from the top of the high bank of a river • 100 m of a high-priority GDE • 100 m of a groundwater-dependent, culturally significant area. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p>
<p>Rules for replacement groundwater works</p>	<p>Replacement groundwater works means a water supply work that:</p> <ul style="list-style-type: none"> • will replace an existing authorised water supply work, constructed to extract groundwater from same groundwater source and at same depth of existing works • within 20 m of existing works, and no closer to top of high riverbank if within 40 m from top of high riverbank • will have no greater internal diameter or excavation footprint than existing works.

More information about the planning process and the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020* is available at the Department of Planning, Industry and Environment's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans>.

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Rules summary sheet for the Cudgegong Alluvial Groundwater Source

Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	Macquarie-Castlereagh Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This fact sheet summarises the rules contained in the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020*. It is intended as a guide only. Consult the water sharing plan for further details which can be accessed via the department's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans/status>.

Approvals and licences also contain conditions that holders must comply with. You can access this information from your 'Statement of Approval' or 'Statement of Conditions' or alternatively via <https://waterregister.waternsw.com.au>.

Table 2. Limits to the availability of water

Limit	Explanation
Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 2,533 ML/year.
Compliance with the long-term average annual extraction limit	Average extractions for the preceding five-year period will be assessed against the LTAAEL. If growth in extractions causes the five-year average to exceed LTAAEL by more than 10%, maximum water account debits or available water determinations will be used to return the average extraction volume to the LTAAEL.

Limit	Explanation
Available water determinations	<p>Available water determinations (AWDs) will be made at the start of each water year for:</p> <ul style="list-style-type: none"> domestic and stock and local water utility access licences—100% of the share component unless the minister determines otherwise aquifer access licences—1 ML/unit share or a lower amount if required to return the five-year average extraction volume to the LTAAEL. aquifer (high security) access licences—0.4 ML/unit share plus 60% of the AWD made for regulated river (high security) access licences in the Macquarie and Cudgegong Regulated Rivers Water Source, or a lower amount if required to return the five-year average extraction volume to the LTAAEL.

Table 3. Rules for granting access licences

Type	Rules
Granting of access licences	<p>Granting of specific purpose access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> specific purpose access licences under the <i>Water Management (General) Regulation 2018</i> (or any replacement regulation) aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/year per application.

Table 4. Rules for managing access licences

Type	Rules
Carryover and account limits	<p>No carryover is permitted.</p> <p>The maximum account take limit is the sum of water allocations credited to the water allocation account for the access licence from available water determinations in that water year plus any adjustments made for allocation assignments or water allocation re-credits into the account.</p>

Table 5. Trading rules

Trade type	Rules
Into groundwater source	Not permitted
Within groundwater source	Permitted within management zones only, subject to assessment.

Trade type	Rules
Out of groundwater source	Not permitted

Table 6. Rules for water supply works approvals

Type	Rules
Rules to minimise interference between bores	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore, on another landholding, in the same water source, that is used for basic landholder rights • 200 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights • 100 m of the boundary of the property (unless written consent gained from neighbour) • 500 m of a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility) • 100 m of a government monitoring or observation bore. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p>
Rules for bores located near contamination sources	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:</p> <ul style="list-style-type: none"> • 500 m of a contamination source • 250 m of the edge of a plume associated with a contamination source • between 250 m and 500 m from the edge of a plume associated with a contamination source unless no drawdown of water will occur within 250 m of the plume • 250 m of an on-site sewage disposal system. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p> <p>Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores located near high-priority, groundwater-dependent ecosystems</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem (GDE), or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority GDE for bores that are not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>
<p>Rules for bores located near groundwater-dependent, culturally significant areas</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores used solely for basic landholder rights</p>	<p>Water supply work (bores) approvals used solely for basic landholder rights may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 100 m of a government monitoring or observation bore • 40 m from the top of the high bank of a river • 100 m of a high-priority GDE • 100 m of a groundwater-dependent, culturally significant area. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p>
<p>Rules for replacement groundwater works</p>	<p>Replacement groundwater works means a water supply work that:</p> <ul style="list-style-type: none"> • will replace an existing authorised water supply work, constructed to extract groundwater from same groundwater source and at same depth of existing works • within 20 m of existing works, and no closer to top of high riverbank if within 40 m from top of high riverbank • will have no greater internal diameter or excavation footprint than existing works.

More information about the planning process and the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020* is available at the Department of Planning, Industry and Environment's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans>.

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Rules summary sheet for the Lower Macquarie Zone 1 Groundwater Source

Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	Macquarie-Castlereagh Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This fact sheet summarises the rules contained in the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020*. It is intended as a guide only. Consult the water sharing plan for further details which can be accessed via the department's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans/status>.

Approvals and licences also contain conditions that holders must comply with. You can access this information from your 'Statement of Approval' or 'Statement of Conditions' or alternatively via <https://waterregister.waternsw.com.au>.

Table 2. Limits to the availability of water

Limit	Explanation
Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 21,807 ML/year.
Compliance with the long-term average annual extraction limit	Average extractions for the preceding five-year period will be assessed against the LTAAEL. If growth in extractions causes the five-year average to exceed LTAAEL by more than 5%, maximum water account debits or available water determinations will be used to return the average extraction volume to the LTAAEL.
Available water determinations	Available water determinations (AWDs) will be made at the start of each water year for: <ul style="list-style-type: none">domestic and stock and local water utility access licences—100% of the share component unless the minister determines otherwiseaquifer access licences—1 ML/unit share or a lower amount if required to return the five-year average extraction volume to the LTAAEL.

Table 3. Rules for granting access licences

Type	Rules
Granting of access licences	<p>Granting of specific purpose access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> • specific purpose access licences under the <i>Water Management (General) Regulation 2018</i> (or any replacement regulation) • aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/year per application.

Table 4. Rules for managing access licences

Type	Rules
Carryover and account limit	<p>No carryover is permitted for domestic and stock and local water utility access licences.</p> <p>For aquifer access licences, carryover of up to 0.62 ML per unit share of the access licence share component is permitted to be carried over from one water year to the next water year, with a maximum account take limit of 1.44 ML per unit share of the access licence or a lower volume if required to return the five-year average extraction volume to the LTAAEL, plus any adjustments made for allocation assignments or water allocation re-credits into the account.</p>

Table 5. Trading rules

Trade type	Rules
Into groundwater source	<p>Permitted, subject to assessment, from Lower Macquarie Zone 2 Groundwater Source or Lower Macquarie Zone 6 Groundwater Source if it would not cause sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in Lower Macquarie Zone 1 Groundwater Source to exceed 21,675 ML.</p> <p>Otherwise prohibited.</p>
Within groundwater source	<p>Permitted, subject to assessment.</p>
Out of groundwater source	<p>Permitted, subject to assessment, to Lower Macquarie Zone 2 Groundwater Source or Lower Macquarie Zone 6 Groundwater Source if it would not cause sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in the destination source to exceed the limit stated in the plan.</p> <p>Otherwise prohibited.</p>

Table 6. Rules for water supply works approvals

Type	Rules
<p>Rules to minimise interference between bores</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore, on another landholding, in the same water source, that is used solely for basic landholder rights • 1000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take up to 1,000 ML/year • 2000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take between 1,000 ML/year and 2,000 ML/year • 3000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take more than 2,000 ML/year • 200 m of the boundary of the property (unless written consent gained from neighbour) • 600 m of a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility) • 500 m of a government monitoring or observation bore. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p>
<p>Rules for bores located near contamination sources</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:</p> <ul style="list-style-type: none"> • 500 m of a contamination source • 250 m of the edge of a plume associated with a contamination source • between 250 m and 500 m from the edge of a plume associated with a contamination source unless no drawdown of water will occur within 250 m of the plume • 250 m of an on-site sewage disposal system. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Contamination sources are identified in Schedule 2 of the plan.</p> <p>Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores located near high-priority, groundwater-dependent ecosystems</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem (GDE), or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority GDE for bores that are not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>
<p>Rules for bores located near groundwater-dependent, culturally significant areas</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
Rules for bores used solely for basic landholder rights	<p>Water supply work (bores) approvals used solely for basic landholder rights may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 100 m of a government monitoring or observation bore • 40 m from the top of the high bank of a river • 100 m of a high-priority GDE • 100 m of a groundwater-dependent, culturally significant area. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p>
Rules for replacement groundwater works	<p>Replacement groundwater works means a water supply work that:</p> <ul style="list-style-type: none"> • will replace an existing authorised water supply work, constructed to extract groundwater from same groundwater source and at same depth of existing works • within 20 m of existing works, and no closer to top of high riverbank if within 40 m from top of high riverbank • will have no greater internal diameter or excavation footprint than existing works.

More information about the planning process and the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020* is available at the Department of Planning, Industry and Environment's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans>.

© State of New South Wales through Department of Planning, Industry and Environment 2020. The information contained in this publication is based on knowledge and understanding at the time of writing (June 2020). However, because of advances in knowledge, users are reminded of the need to ensure that the information upon which they rely is up to date and to check the currency of the information with the appropriate officer of the Department of Planning, Industry and Environment or the user's independent adviser.

Rules summary sheet for the Lower Macquarie Zone 2 Groundwater Source

Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	Macquarie-Castlereagh Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This fact sheet summarises the rules contained in the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020*. It is intended as a guide only. Consult the water sharing plan for further details which can be accessed via the department's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans/status>.

Approvals and licences also contain conditions that holders must comply with. You can access this information from your 'Statement of Approval' or 'Statement of Conditions' or alternatively via <https://waterregister.waternsw.com.au>.

Table 2. Limits to the availability of water

Limit	Explanation
Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 22,761 ML/year.
Compliance with the long-term average annual extraction limit	Average extractions for the preceding five-year period will be assessed against the LTAAEL. If growth in extractions causes the five-year average to exceed LTAAEL by more than 5%, maximum water account debits or available water determinations will be used to return the average extraction volume to the LTAAEL.
Available water determinations	Available water determinations (AWDs) will be made at the start of each water year for: <ul style="list-style-type: none">• domestic and stock and local water utility access licences—100% of the share component unless the minister determines otherwise• aquifer access licences—1 ML/unit share or a lower amount if required to return the five-year average extraction volume to the LTAAEL.

Table 3. Rules for granting access licences

Type	Rules
Granting of access licences	<p>Granting of specific purpose access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> • specific purpose access licences under the <i>Water Management (General) Regulation 2018</i> (or any replacement regulation) • aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/year per application.

Table 4. Rules for managing access licences

Type	Rules
Carryover and account limit	<p>No carryover is permitted for domestic and stock and local water utility access licences.</p> <p>For aquifer access licences, carryover of up to 0.62 ML per unit share of the access licence share component is permitted to be carried over from one water year to the next water year, with a maximum account take limit of 1.44 ML per unit share of the access licence or a lower volume if required to return the five-year average extraction volume to the LTAAEL, plus any adjustments made for allocation assignments or water allocation re-credits into the account.</p>

Table 5. Trading rules

Trade type	Rules
Into groundwater source	<p>Permitted, subject to assessment, from Lower Macquarie Zone 1 Groundwater Source or Lower Macquarie Zone 6 Groundwater Source if it would not cause sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in Lower Macquarie Zone 2 Groundwater Source to exceed 22,610 ML.</p> <p>Otherwise prohibited.</p>
Within groundwater source	<p>Permitted, subject to assessment.</p>
Out of groundwater source	<p>Permitted, subject to assessment, to Lower Macquarie Zone 1 Groundwater Source or Lower Macquarie Zone 6 Groundwater Source if it would not cause sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in the destination source to exceed the limit stated in the plan.</p> <p>Otherwise prohibited.</p>

Table 6. Rules for water supply works approvals

Type	Rules
<p>Rules to minimise interference between bores</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore, on another landholding, in the same water source, that is used solely for basic landholder rights • 1000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take up to 1,000 ML/year • 2000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take between 1,000 ML/year and 2,000 ML/year • 3000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take more than 2,000 ML/year • 200 m of the boundary of the property (unless written consent gained from neighbour) • 600 m of a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility) • 500 m of a government monitoring or observation bore. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p>
<p>Rules for bores located near contamination sources</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:</p> <ul style="list-style-type: none"> • 500 m of a contamination source • 250 m of the edge of a plume associated with a contamination source • between 250 m and 500 m from the edge of a plume associated with a contamination source unless no drawdown of water will occur within 250 m of the plume • 250 m of an on-site sewage disposal system. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p> <p>Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores located near high-priority, groundwater-dependent ecosystems</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem (GDE), or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority GDE for bores that are not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>
<p>Rules for bores located near groundwater-dependent, culturally significant areas</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
Rules for bores used solely for basic landholder rights	<p>Water supply work (bores) approvals used solely for basic landholder rights may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 100 m of a government monitoring or observation bore • 40 m from the top of the high bank of a river • 100 m of a high-priority GDE • 100 m of a groundwater-dependent, culturally significant area. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: High priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p>
Rules for replacement groundwater works	<p>Replacement groundwater works means a water supply work that:</p> <ul style="list-style-type: none"> • will replace an existing authorised water supply work, constructed to extract groundwater from same groundwater source and at same depth of existing works • within 20 m of existing works, and no closer to top of high riverbank if within 40 m from top of high riverbank • will have no greater internal diameter or excavation footprint than existing works.

More information about the planning process and the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020* is available at the Department of Planning, Industry and Environment's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans>.

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Rules summary sheet for the Lower Macquarie Zone 6 Groundwater Source

Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	Macquarie-Castlereagh Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This fact sheet summarises the rules contained in the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020*. It is intended as a guide only. Consult the water sharing plan for further details which can be accessed via the department's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans/status>.

Approvals and licences also contain conditions that holders must comply with. You can access this information from your 'Statement of Approval' or 'Statement of Conditions' or alternatively via <https://waterregister.waternsw.com.au>.

Table 2. Limits to the availability of water

Limit	Explanation
Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 8,202 ML/year.
Compliance with the long-term average annual extraction limit	Average extractions for the preceding five-year period will be assessed against the LTAAEL. If growth in extractions causes the five-year average to exceed LTAAEL by more than 5%, maximum water account debits or available water determinations will be used to return the average extraction volume to the LTAAEL.
Available water determinations	Available water determinations (AWDs) will be made at the start of each water year for: <ul style="list-style-type: none">• domestic and stock and local water utility access licences—100% of the share component unless the minister determines otherwise• aquifer access licences—1 ML/unit share or a lower amount if required to return the five-year average extraction volume to the LTAAEL.

Table 3. Rules for granting access licences

Type	Rules
Granting of access licences	<p>Granting of specific purpose access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> • specific purpose access licences under the <i>Water Management (General) Regulation 2018</i> (or any replacement regulation) • aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/year per application.

Table 4. Rules for managing access licences

Type	Rules
Carryover and account limit	<p>No carryover is permitted for domestic and stock and local water utility access licences.</p> <p>For aquifer access licences, carryover of up to 0.62 ML per unit share of the access licence share component is permitted to be carried over from one water year to the next water year, with a maximum account take limit of 1.44 ML per unit share of the access licence or a lower volume if required to return the five-year average extraction volume to the LTAAEL, plus any adjustments made for allocation assignments or water allocation re-credits into the account.</p>

Table 5. Trading rules

Trade type	Rules
Into groundwater source	<p>Permitted, subject to assessment, from Lower Macquarie Zone 1 Groundwater Source or Lower Macquarie Zone 2 Groundwater Source if it would not cause sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in Lower Macquarie Zone 6 Groundwater Source to exceed 8,160 ML.</p> <p>Otherwise prohibited.</p>
Within groundwater source	<p>Permitted, subject to assessment.</p>
Out of groundwater source	<p>Permitted, subject to assessment, to Lower Macquarie Zone 1 Groundwater Source or Lower Macquarie Zone 2 Groundwater Source if it would not cause sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in the destination source to exceed the limit stated in the plan.</p> <p>Otherwise prohibited.</p>

Table 6. Rules for water supply works approvals

Type	Rules
<p>Rules to minimise interference between bores</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore, on another landholding in the same water source, that is used solely for basic landholder rights • 1000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights and authorised to take up to 1,000 ML/year. • 2000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights and authorised to take up to 2,000 ML/year • 3000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights and authorised to take more than 2,000 ML/year. • 200 m of the boundary of the property (unless written consent gained from neighbour) • 600 m of a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility) • 500 m of a government monitoring or observation bore. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p>
<p>Rules for bores located near contamination sources</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:</p> <ul style="list-style-type: none"> • 500 m of a contamination source • 250 m of the edge of a plume associated with a contamination source • between 250 m and 500 m from the edge of a plume associated with a contamination source unless no drawdown of water will occur within 250 m of the plume • 250 m of an on-site sewage disposal system. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p> <p>Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores located near high-priority, groundwater-dependent ecosystems</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem (GDE), or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority GDE for bores that are not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>
<p>Rules for bores located near groundwater-dependent, culturally significant areas</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores used solely for basic landholder rights</p>	<p>Water supply work (bores) approvals used solely for basic landholder rights may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 100 m of a government monitoring or observation bore • 40 m from the top of the high bank of a river • 100 m of a high-priority GDE • 100 m of a groundwater-dependent, culturally significant area. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p>
<p>Rules for replacement groundwater works</p>	<p>Replacement groundwater works means a water supply work that:</p> <ul style="list-style-type: none"> • will replace an existing authorised water supply work, constructed to extract groundwater from same groundwater source and at same depth of existing works • within 20 m of existing works, and no closer to top of high riverbank if within 40 m from top of high riverbank • will have no greater internal diameter or excavation footprint than existing works.

More information about the planning process and the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020* is available at the Department of Planning, Industry and Environment's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans>.

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Rules summary sheet for the Lower Macquarie Zone 6 Groundwater Source

Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	Macquarie-Castlereagh Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This fact sheet summarises the rules contained in the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020*. It is intended as a guide only. Consult the water sharing plan for further details which can be accessed via the department's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans/status>.

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Available water determinations	Available water determinations (AWDs) will be made at the start of each water year for: <ul style="list-style-type: none">• domestic and stock and local water utility access licences—100% of the share component unless the minister determines otherwise• aquifer access licences—1 ML/unit share or a lower amount if required to return the five-year average extraction volume to the LTAAEL.

Table 3. Rules for granting access licences

Type	Rules
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Table 5. Trading rules

Trade type	Rules
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Within groundwater source	<p>Permitted, subject to assessment.</p>
Out of groundwater source	<p>Permitted, subject to assessment, to Lower Macquarie Zone 1 Groundwater Source or Lower Macquarie Zone 2 Groundwater Source if it would not cause sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in the destination source to exceed the limit stated in the plan.</p> <p>Otherwise prohibited.</p>

Table 6. Rules for water supply works approvals

Type	Rules
<p>Rules to minimise interference between bores</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore, on another landholding in the same water source, that is used solely for basic landholder rights • 1000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights and authorised to take up to 1,000 ML/year. • 2000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights and authorised to take up to 2,000 ML/year • 3000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights and authorised to take more than 2,000 ML/year. • 200 m of the boundary of the property (unless written consent gained from neighbour) • 600 m of a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility) • 500 m of a government monitoring or observation bore. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p>
<p>Rules for bores located near contamination sources</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:</p> <ul style="list-style-type: none"> • 500 m of a contamination source • 250 m of the edge of a plume associated with a contamination source • between 250 m and 500 m from the edge of a plume associated with a contamination source unless no drawdown of water will occur within 250 m of the plume • 250 m of an on-site sewage disposal system. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p> <p>Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores located near high-priority, groundwater-dependent ecosystems</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem (GDE), or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority GDE for bores that are not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>
<p>Rules for bores located near groundwater-dependent, culturally significant areas</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores used solely for basic landholder rights</p>	<p>Water supply work (bores) approvals used solely for basic landholder rights may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 100 m of a government monitoring or observation bore • 40 m from the top of the high bank of a river • 100 m of a high-priority GDE • 100 m of a groundwater-dependent, culturally significant area. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p>
<p>Rules for replacement groundwater works</p>	<p>Replacement groundwater works means a water supply work that:</p> <ul style="list-style-type: none"> • will replace an existing authorised water supply work, constructed to extract groundwater from same groundwater source and at same depth of existing works • within 20 m of existing works, and no closer to top of high riverbank if within 40 m from top of high riverbank • will have no greater internal diameter or excavation footprint than existing works.

More information about the planning process and the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020* is available at the Department of Planning, Industry and Environment's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans>.

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Rules summary sheet for the Talbragar Alluvial Groundwater Source

Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	Macquarie-Castlereagh Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This fact sheet summarises the rules contained in the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020*. It is intended as a guide only. Consult the water sharing plan for further details which can be accessed via the department's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans/status>.

Approvals and licences also contain conditions that holders must comply with. You can access this information from your 'Statement of Approval' or 'Statement of Conditions' or alternatively via <https://waterregister.waternsw.com.au>.

Table 2. Limits to the availability of water

Limit	Explanation
Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 3,473 ML/year.
Compliance with the long-term average annual extraction limit	Average extractions for the preceding five-year period will be assessed against the LTAAEL. If growth in extractions causes the five-year average to exceed LTAAEL by more than 10%, maximum water account debits or available water determinations will be used to return the average extraction volume to the LTAAEL.
Available water determinations	Available water determinations (AWDs) will be made at the start of each water year for: <ul style="list-style-type: none">• domestic and stock and local water utility access licences—100% of the share component unless the minister determines otherwise• aquifer access licences—1 ML/unit share or a lower amount if required to return the five-year average extraction volume to the LTAAEL.

Table 3. Rules for granting access licences

Type	Rules
Granting of access licences	<p>Granting of specific purpose access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> • specific purpose access licences under the <i>Water Management (General) Regulation 2018</i> (or any replacement regulation) • aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/year per application.

Table 4. Rules for managing access licences

Type	Rules
Carryover and account limits	<p>No carryover is permitted.</p> <p>The maximum account take limit is the sum of water allocations credited to the water allocation account for the access licence from available water determinations in that water year plus any adjustments made for allocation assignments or water allocation re-credits into the account.</p>

Table 5. Trading rules

Trade type	Rules
Into groundwater source	Not permitted.
Within groundwater source	Permitted, subject to assessment.
Out of groundwater source	Not permitted.

Table 6. Rules for water supply works approvals

Type	Rules
<p>Rules to minimise interference between bores</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore, on another landholding in the same water source, that is used solely for basic landholder rights • 200 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights • 100 m of the boundary of the property (unless written consent gained from neighbour) • 500 m of a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility) • 100 m of a government monitoring or observation bore. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p>
<p>Rules for bores located near contamination sources</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:</p> <ul style="list-style-type: none"> • 500 m of a contamination source • 250 m of the edge of a plume associated with a contamination source • between 250 m and 500 m from the edge of a plume associated with a contamination source unless no drawdown of water will occur within 250 m of the plume • 250 m of an on-site sewage disposal system. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p> <p>Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores located near high-priority, groundwater-dependent ecosystems</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem (GDE), or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority GDE for bores that are not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>
<p>Rules for bores located near groundwater-dependent, culturally significant areas</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores used solely for basic landholder rights</p>	<p>Water supply work (bores) approvals used solely for basic landholder rights may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 100 m of a government monitoring or observation bore • 40 m from the top of the high bank of a river • 100 m of a high-priority GDE • 100 m of a groundwater-dependent, culturally significant area. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p>
<p>Rules for replacement groundwater works</p>	<p>Replacement groundwater works means a water supply work that:</p> <ul style="list-style-type: none"> • will replace an existing authorised water supply work, constructed to extract groundwater from same groundwater source and at same depth of existing works • within 20 m of existing works, and no closer to top of high riverbank if within 40 m from top of high riverbank • will have no greater internal diameter or excavation footprint than existing works.

More information about the planning process and the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020* is available at the Department of Planning, Industry and Environment's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans>.

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Rules summary sheet for the Upper Macquarie Alluvial Groundwater Source

Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	Macquarie-Castlereagh Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This fact sheet summarises the rules contained in the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020*. It is intended as a guide only. Consult the water sharing plan for further details which can be accessed via the department's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans/status>.

Approvals and licences also contain conditions that holders must comply with. You can access this information from your 'Statement of Approval' or 'Statement of Conditions' or alternatively via <https://waterregister.waternsw.com.au>.

Table 2. Limits to the availability of water

Limit	Explanation
Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 17,935 ML/year.
Compliance with the long-term average annual extraction limit	Average extractions for the preceding five-year period will be assessed against the LTAAEL. If growth in extractions causes the five-year average to exceed LTAAEL by more than 10%, maximum water account debits or available water determinations will be used to return the average extraction volume to the LTAAEL.
Available water determinations	Available water determinations (AWDs) will be made at the start of each water year for: <ul style="list-style-type: none">• domestic and stock and local water utility access licences—100% of the share component unless the minister determines otherwise• aquifer access licences—1 ML/unit share or a lower amount if required to return the five-year average extraction volume to the LTAAEL.

Table 3. Rules for granting access licences

Type	Rules
Granting of access licences	<p>Granting of specific purpose access licences may be considered for the following categories:</p> <ul style="list-style-type: none">• specific purpose access licences under the <i>Water Management (General) Regulation 2018</i> (or any replacement regulation)• aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/year per application.

Table 4. Rules for managing access licences

Type	Rules
Carryover and account limits	<p>No carryover is permitted.</p> <p>The maximum account take limit is the sum of water allocations credited to the water allocation account for the access licence from available water determinations in that water year plus any adjustments made for allocation assignments or water allocation re-credits into the account.</p>

Table 5. Trading rules

Trade type	Rules
Into groundwater source	Not permitted.
Within groundwater source	Permitted, subject to assessment.
Out of groundwater source	Not permitted.

Table 6. Rules for water supply works approvals

Type	Rules
<p>Rules to minimise interference between bores</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore, on another landholding, in the same water source, that is used solely for basic landholder rights • 200 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights • 100 m of the boundary of the property (unless written consent gained from neighbour) • 500 m of a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility) • 100 m of a government monitoring or observation bore. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p>
<p>Rules for bores located near contamination sources</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:</p> <ul style="list-style-type: none"> • 500 m of a contamination source • 250 m of the edge of a plume associated with a contamination source • between 250 m and 500 m from the edge of a plume associated with a contamination source unless no drawdown of water will occur within 250 m of the plume • 250 m of an on-site sewage disposal system. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p> <p>Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores located near high-priority, groundwater-dependent ecosystems</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem (GDE), or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority GDE for bores that are not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>
<p>Rules for bores located near groundwater-dependent, culturally significant areas</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores used solely for basic landholder rights</p>	<p>Water supply work (bores) approvals used solely for basic landholder rights may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 100 m of a government monitoring or observation bore • 40 m from the top of the high bank of a river • 100 m of a high-priority GDE • 100 m of a groundwater-dependent, culturally significant area. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p>
<p>Rules for replacement groundwater works</p>	<p>Replacement groundwater works means a water supply work that:</p> <ul style="list-style-type: none"> • will replace an existing authorised water supply work, constructed to extract groundwater from same groundwater source and at same depth of existing works • within 20 m of existing works, and no closer to top of high riverbank if within 40 m from top of high riverbank • will have no greater internal diameter or excavation footprint than existing works.

More information about the planning process and the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020* is available at the Department of Planning, Industry and Environment's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans>.

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Rules summary sheet for the Lower Macquarie Zone 3 Groundwater Source

Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	Macquarie-Castlereagh Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This fact sheet summarises the rules contained in the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020*. It is intended as a guide only. Consult the water sharing plan for further details which can be accessed via the department's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans/status>.

Approvals and licences also contain conditions that holders must comply with. You can access this information from your 'Statement of Approval' or 'Statement of Conditions' or alternatively via <https://waterregister.waternsw.com.au>.

Table 2. Limits to the availability of water

Limit	Explanation
Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 9,752 ML/year.
Compliance with the long-term average annual extraction limit	Average extractions for the preceding five-year period will be assessed against the LTAAEL. If growth in extractions causes the five-year average to exceed LTAAEL by more than 5%, maximum water account debits or available water determinations will be used to return the average extraction volume to the LTAAEL.
Available water determinations	Available water determinations (AWDs) will be made at the start of each water year for: <ul style="list-style-type: none">• domestic and stock and local water utility access licences—100% of the share component unless the minister determines otherwise• aquifer access licences—1 ML/unit share or a lower amount if required to return the five-year average extraction volume to the LTAAEL.

Table 3. Rules for granting access licences

Type	Rules
Granting of access licences	<p>Granting of specific purpose access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> • specific purpose access licences under the <i>Water Management (General) Regulation 2018</i> (or any replacement regulation) • aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/year per application.

Table 4. Rules for managing access licences

Type	Rules
Carryover and account limit	<p>No carryover is permitted for domestic and stock and local water utility access licences.</p> <p>For aquifer access licences, carryover of up to 0.62 ML per unit share of the access licence share component is permitted to be carried over from one water year to the next water year, with a maximum account take limit of 1.44 ML per unit share of the access licence or a lower volume if required to return the five-year average extraction volume to the LTAAEL, plus any adjustments made for allocation assignments or water allocation re-credits into the account.</p>

Table 5. Trading rules

Trade type	Rules
Into groundwater source	<p>Permitted, subject to assessment, from Lower Macquarie Zone 4 Groundwater Source or Lower Macquarie Zone 5 Groundwater Source if it would not cause sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in Lower Macquarie Zone 3 Groundwater Source to exceed 9,350 ML.</p> <p>Otherwise prohibited.</p>
Within groundwater source	<p>Permitted, subject to assessment.</p>
Out of groundwater source	<p>Permitted, subject to assessment, to Lower Macquarie Zone 4 Groundwater Source or Lower Macquarie Zone 5 Groundwater Source if it would not cause sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in the destination source to exceed the limit stated in the plan.</p> <p>Otherwise prohibited.</p>

Table 6. Rules for water supply works approvals

Type	Rules
<p>Rules to minimise interference between bores</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore, on another landholding, in the same water source, that is used solely for basic landholder rights • 1000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take up to 500 ML/year • 2,500 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take between 500 ML/year and 1,000 ML/year • 3,500 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take between 1,000 ML/year and 1,500 ML/year • 4,000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights that is authorised to take more than 1,500 ML/year • 200 m of the boundary of the property (unless written consent gained from neighbour) • 600 m of a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility) • 500 m of a government monitoring or observation bore. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p>
<p>Rules for bores located near contamination sources</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:</p> <ul style="list-style-type: none"> • 500 m of a contamination source • 250 m of the edge of a plume associated with a contamination source • between 250 m and 500 m from the edge of a plume associated with a contamination source unless no drawdown of water will occur within 250 m of the plume • 250 m of an on-site sewage disposal system. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p> <p>Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores located near high-priority, groundwater-dependent ecosystems</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem (GDE), or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority GDE for bores that are not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>
<p>Rules for bores located near groundwater-dependent, culturally significant areas</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores used solely for basic landholder rights</p>	<p>Water supply work (bores) approvals used solely for basic landholder rights may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 100 m of a government monitoring or observation bore • 40 m from the top of the high bank of a river • 100 m of a high-priority GDE • 100 m of a groundwater-dependent, culturally significant area. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p>
<p>Rules for replacement groundwater works</p>	<p>Replacement groundwater works means a water supply work that:</p> <ul style="list-style-type: none"> • will replace an existing authorised water supply work, constructed to extract groundwater from same groundwater source and at same depth of existing works • within 20 m of existing works, and no closer to top of high riverbank if within 40 m from top of high riverbank • will have no greater internal diameter or excavation footprint than existing works.

More information about the planning process and the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020* is available at the Department of Planning, Industry and Environment's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans>.

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Rules summary sheet for the Lower Macquarie Zone 4 Groundwater Source

Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	Macquarie-Castlereagh Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This fact sheet summarises the rules contained in the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020*. It is intended as a guide only. Consult the water sharing plan for further details which can be accessed via the department's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans/status>.

Approvals and licences also contain conditions that holders must comply with. You can access this information from your 'Statement of Approval' or 'Statement of Conditions' or alternatively via <https://waterregister.waternsw.com.au>.

Table 2. Limits to the availability of water

Limit	Explanation
Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 5,326 ML/year.
Compliance with the long-term average annual extraction limit	Average extractions for the preceding five-year period will be assessed against the LTAAEL. If growth in extractions causes the five-year average to exceed LTAAEL by more than 5%, maximum water account debits or available water determinations will be used to return the average extraction volume to the LTAAEL.
Available water determinations	Available water determinations (AWDs) will be made at the start of each water year for: <ul style="list-style-type: none">• domestic and stock and local water utility access licences—100% of the share component unless the minister determines otherwise• aquifer access licences—1 ML/unit share or a lower amount if required to return the five-year average extraction volume to the LTAAEL.

Table 3. Rules for granting access licences

Type	Rules
Granting of access licences	<p>Granting of specific purpose access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> • specific purpose access licences under the <i>Water Management (General) Regulation 2018</i> (or any replacement regulation) • aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/year per application.

Table 4. Rules for managing access licences

Type	Rules
Carryover and account limit	<p>No carryover is permitted for domestic and stock and local water utility access licences.</p> <p>For aquifer access licences, carryover of up to 0.62 ML per unit share of the access licence share component is permitted to be carried over from one water year to the next water year, with a maximum account take limit of 1.44 ML per unit share of the access licence or a lower volume if required to return the five-year average extraction volume to the LTAAEL, plus any adjustments made for allocation assignments or water allocation re-credits into the account.</p>

Table 5. Trading rules

Trade type	Rules
Into groundwater source	<p>Permitted, subject to assessment, from Lower Macquarie Zone 3 Groundwater Source or Lower Macquarie Zone 5 Groundwater Source if it would not cause sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in Lower Macquarie Zone 4 Groundwater Source to exceed 5,100 ML.</p> <p>Otherwise prohibited.</p>
Within groundwater source	<p>Permitted, subject to assessment.</p>
Out of groundwater source	<p>Permitted, subject to assessment, to Lower Macquarie Zone 3 Groundwater Source or Lower Macquarie Zone 5 Groundwater Source if it would not cause sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in the destination source to exceed the limit stated in the plan.</p> <p>Otherwise prohibited.</p>

Table 6. Rules for water supply works approvals

Type	Rules
<p>Rules to minimise interference between bores</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore, on another landholding, in the same water source, that is used solely for basic landholder rights • 1000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take up to 500 ML/year • 2,500 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take between 500 ML/year and 1,000 ML/year • 3,500 m of an existing bore that on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take between 1,000 ML/year and 1,500 ML/year • 4,000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights that is authorised to take more than 1,500 ML/year • 200 m of the boundary of the property (unless written consent gained from neighbour) • 600 m of a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility) • 500 m of a government monitoring or observation bore. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p>
<p>Rules for bores located near contamination sources</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:</p> <ul style="list-style-type: none"> • 500 m of a contamination source • 250 m of the edge of a plume associated with a contamination source • between 250 m and 500 m from the edge of a plume associated with a contamination source unless no drawdown of water will occur within 250 m of the plume • 250 m of an on-site sewage disposal system. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p> <p>Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores located near high-priority, groundwater-dependent ecosystems</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem (GDE), or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority GDE for bores that are not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>
<p>Rules for bores located near groundwater-dependent, culturally significant areas</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores used solely for basic landholder rights</p>	<p>Water supply work (bores) approvals used solely for basic landholder rights may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 100 m of a government monitoring or observation bore • 40 m from the top of the high bank of a river • 100 m of a high-priority GDE • 100 m of a groundwater-dependent, culturally significant area. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p>
<p>Rules for replacement groundwater works</p>	<p>Replacement groundwater works means a water supply work that:</p> <ul style="list-style-type: none"> • will replace an existing authorised water supply work, constructed to extract groundwater from same groundwater source and at same depth of existing works • within 20 m of existing works, and no closer to top of high riverbank if within 40 m from top of high riverbank • will have no greater internal diameter or excavation footprint than existing works.

More information about the planning process and the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020* is available at the Department of Planning, Industry and Environment's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans>.

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Rules summary sheet for the Lower Macquarie Zone 5 Groundwater Source

Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	Macquarie-Castlereagh Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This fact sheet summarises the rules contained in the *Water Sharing Plan for the Macquarie-Castlereagh Groundwater Sources 2020*. It is intended as a guide only. Consult the water sharing plan for further details which can be accessed via the department's website: <https://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans/status>.

Approvals and licences also contain conditions that holders must comply with. You can access this information from your 'Statement of Approval' or 'Statement of Conditions' or alternatively via <https://waterregister.waternsw.com.au>.

Table 2. Limits to the availability of water

Limit	Explanation
Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 2,871 ML/year.
Compliance with the long-term average annual extraction limit	Average extractions for the preceding five-year period will be assessed against the LTAAEL. If growth in extractions causes the five-year average to exceed LTAAEL by more than 5%, maximum water account debits or available water determinations will be used to return the average extraction volume to the LTAAEL.
Available water determinations	Available water determinations (AWDs) will be made at the start of each water year for: <ul style="list-style-type: none">• domestic and stock and local water utility access licences—100% of the share component unless the minister determines otherwise• aquifer access licences—1 ML/unit share or a lower amount if required to return the five-year average extraction volume to the LTAAEL.

Table 3. Rules for granting access licences

Type	Rules
Granting of access licences	<p>Granting of specific purpose access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> • specific purpose access licences under the <i>Water Management (General) Regulation 2018</i> (or any replacement regulation) • aquifer (Aboriginal cultural) access licences up to a maximum of 10 ML/year per application.

Table 4. Rules for managing access licences

Type	Rules
Carryover and account limit	<p>No carryover is permitted for domestic and stock and local water utility access licences.</p> <p>For aquifer access licences, carryover of up to 0.62 ML per unit share of the access licence share component is permitted to be carried over from one water year to the next water year, with a maximum account take limit of 1.44 ML per unit share of the access licence or a lower volume if required to return the five-year average extraction volume to the LTAAEL, plus any adjustments made for allocation assignments or water allocation re-credits into the account.</p>

Table 5. Trading rules

Trade type	Rules
Into groundwater source	<p>Permitted, subject to assessment, from the Lower Macquarie Zone 3 Groundwater Source or Lower Macquarie Zone 4 Groundwater Source if it would not cause the sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in Lower Macquarie Zone 5 Groundwater Source to exceed 2,398 ML.</p> <p>Otherwise prohibited.</p>
Within groundwater source	<p>Permitted, subject to assessment.</p>
Out of groundwater source	<p>Permitted, subject to assessment to Lower Macquarie Zone 3 Groundwater Source or Lower Macquarie Zone 4 Groundwater Source if it would not cause sum of all share components or the sum of water allocations credited during the water year to the water allocation accounts in the destination source to exceed the limit stated in the plan.</p> <p>Otherwise prohibited.</p>

Table 6. Rules for water supply works approvals

Type	Rules
Rules to minimise interference between bores	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 400 m of an existing bore, on another landholding, in the same water source, that is used solely for basic landholder rights • 1000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take up to 500 ML/year • 2,500 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take between 500 ML/year and 1,000 ML/year • 3,500 m of an existing bore that is on another landholding in the same water source that is not used solely for basic landholder rights if the bore is authorised to take between 1,000 ML/year and 1,500 ML/year • 4,000 m of an existing bore on another landholding in the same water source that is not used solely for basic landholder rights that is authorised to take more than 1,500 ML/year • 200 m of the boundary of the property (unless written consent gained from neighbour) • 600 m of a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility) • 500 m of a government monitoring or observation bore. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p>
Rules for bores located near contamination sources	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:</p> <ul style="list-style-type: none"> • 500 m of a contamination source • 250 m of the edge of a plume associated with a contamination source • between 250 m and 500 m from the edge of a plume associated with a contamination source unless no drawdown of water will occur within 250 m of the plume • 250 m of an on-site sewage disposal system. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Contamination sources are identified in Schedule 1 of the plan.</p> <p>Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
<p>Rules for bores located near high-priority, groundwater-dependent ecosystems</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem (GDE), or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority GDE for bores that are not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>
<p>Rules for bores located near groundwater-dependent, culturally significant areas</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.</p>

Type	Rules
Rules for bores used solely for basic landholder rights	<p>Water supply work (bores) approvals used solely for basic landholder rights may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 100 m of a government monitoring or observation bore • 40 m from the top of the high bank of a river • 100 m of a high-priority GDE • 100 m of a groundwater-dependent, culturally significant area. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Note: These rules do not apply to replacement bores.</p> <p>Note: High-priority GDEs (vegetation ecosystems) are defined on the legal map (full colour and zoomable) found at http://www.legislation.nsw.gov.au. An overview of this map can be found in Appendix 2 of the plan.</p> <p>Note: Groundwater-dependent, culturally significant areas may be identified during the term of the plan. Aboriginal people may also identify culturally significant areas when applications for new or amended water supply works are advertised. Potential groundwater-dependent, culturally significant areas will be considered in the assessment of any application for a water supply work approval within the area of the plan.</p>
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