

Rules summary sheet 1 of 4

Rules summary sheet GAB Central Shallow (North Western) Groundwater Source

Water Sharing Plan for the NSW Great Artesian Basin Shallow Groundwater Sources 2020

Table 1. Plan details

Water sharing plan	NSW Great Artesian Basin Shallow Groundwater Sources 2020
Plan commencement	1 July 2020
Term of the plan	10 years

Important: This factsheet summarises the rules contained in the *Water Sharing Plan for the NSW Great Artesian Basin Shallow 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.

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 33,220 ML/year. Note: This groundwater source is located outside the Murray Darling Basin and as such the <i>Basin Plan 2012</i> does not apply here.
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 greater 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 commencement of each water year for:
	 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

Туре	Rules
Granting of access licences	Granting of specific purpose access licences may be considered for the following categories:
	specific purpose access licences under the Water Management (General) Regulation 2018 (or any replacement regulation)
	 aquifer (Aboriginal community development) access licences up to a maximum of 50 ML/year per application
	 aquifer (Aboriginal cultural) access licence only if the share component of the proposed access licence is no greater than 10 ML/year.

Table 4. Rules for managing access licences

Туре	Rules
Carryover and account limit	No carryover is permitted for domestic and stock and local water utility access licences.
	For aquifer access licences, carryover of up to 0.1 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 1.1 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.

Table 5. Trading rules

Trade type	Rules
Into groundwater source	Permitted subject to assessment except from the GAB Surat Shallow Groundwater Source.
Within groundwater source	Permitted subject to assessment.
Out of groundwater source	Generally permitted, subject to assessment, except to the GAB Surat Shallow Groundwater Source.
Interstate	Not permitted, unless in accordance with administrative arrangements agreed to, and implemented, by NSW and the other State or Territory and then subject to assessment



Table 6. Rules for water supply works approvals

Туре	Rules
Rules to minimise interference between bores	Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:
	 200 m of an existing bore, on another holding in the same water source, that is used solely for basic landowner rights
	 200 m of an existing bore, on another holding in the same water source that is not used solely for basic landholder rights, if the bore is authorised to take up to and including to 20 ML/year
	 400 m of an existing bore, on another holding in the same water source that is not used solely for basic landholder rights, if the bore is authorised to take over 20 ML/year
	 100 m of the boundary of the property (unless written consent gained from neighbour)
	 1,000 m from a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility)
	 400 m of a government monitoring or observation bore.
	The plan lists circumstances in which these distances conditions may be varied.
	Note: These rules do not apply to replacement bores.
Rules for bores located near	Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:
contamination	500 m of a contamination source
sources	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.
	The plan lists circumstances in which these distance conditions may be varied.
	Note: Contamination sources are identified in Schedule 1 of the plan.
	Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.
	Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.



Туре	Rules
Rules for bores located near high- priority, groundwater-	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):
dependent	40 m from top of high bank of a river
ecosystems	 200 m of any high-priority GDE for bores that are not used solely for basic landholder rights.
	The plan lists circumstances in which these distances conditions may be varied.
	Note: These rules do not apply to replacement bores.
	Note: High-priority GDEs are defined in Schedule 2 of the plan and 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.
	Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.
Rules for bores located near groundwater-	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:
dependent, culturally significant areas	200 m for bores not used solely for basic landholder rights.
significant areas	The plan lists circumstances in which these distance conditions may be varied.
	Note: These rules do not apply to replacement bores.
	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.
	Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.



Rules summary sheet 1 of 4

Туре	Rules
Rules for bores used solely for basic	Water supply works (bores) used solely for basic landowner rights may not be granted or amended if the work is within the following distances:
landholder rights	100 m of a government monitoring or observation bore
	40 m from top of the high bank of a river
	100 m of any high-priority GDE
	100m of a groundwater-dependent, culturally significant area.
	The plan lists circumstances in which these distance conditions may be varied.
	Note: These rules do not apply to replacement bores.
	Note: High-priority GDEs are defined in Schedule 2 of the plan and 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.
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Rules for replacement groundwater works	Replacement groundwater works means a water supply work that:
	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.
	The plan lists circumstances in which these replacement groundwater works conditions may be varied.

More information about the planning process and the *Water Sharing Plan for the NSW Great Artesian Basin Shallow Groundwater Sources 2020* is available at the Department of Planning, Industry and Environment's website: http://www.industry.nsw.gov.au/water/plans-programs/water-sharing-plans.



Rules summary sheet 2 of 4

Rules summary sheet GAB Central Shallow (MDB) Groundwater Source

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Table 1. Plan details

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Plan commencement	1 July 2020
Term of the plan	10 years

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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 8,830 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 greater 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 commencement of each water year for: • 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

Туре	Rules
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	 400 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 over 20 ML/year
	 100 m of the boundary of the property (unless written consent gained from neighbour)
	 1,000 m from a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility)
	 400 m of a government monitoring or observation bore.
	The plan lists circumstances in which these distances conditions may be varied.
	Note: These rules do not apply to replacement bores.
Rules for bores located near	Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:
contamination	500 m of a contamination source
sources	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.
	The plan lists circumstances in which these distance conditions may be varied.
	Note: Contamination sources are identified in Schedule 1 of the plan.
	Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.
	Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.



Туре	Rules
Rules for bores located near high- priority, groundwater-	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):
dependent ecosystems	40 m from top of high bank of a river
coosystems	 200 m of any high-priority GDE for bores that are not used solely for basic landholder rights.
	The plan lists circumstances in which these distances conditions may be varied.
	Note: These rules do not apply to replacement bores.
	Note: High-priority GDEs are defined in Schedule 2 of the plan and 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.
	Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.
Rules for bores located near groundwater-	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:
dependent, culturally significant areas	200 m for bores not used solely for basic landholder rights.
significant areas	The plan lists circumstances in which these distance conditions may be varied.
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	Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.



Rules summary sheet 2 of 4

Туре	Rules
Rules for bores used solely for basic	Water supply works (bores) used solely for basic landowner rights may not be granted or amended if the work is within the following distances:
landholder rights	100 m of a government monitoring or observation bore
	40 m from top of the high bank of a river
	100 m of any high-priority GDE
	100m of a groundwater-dependent, culturally significant area.
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Rules for replacement	Replacement groundwater works means a water supply work that:
groundwater works	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.
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Rules summary sheet 2 of 4

Rules summary sheet GAB Central Shallow (MDB) Groundwater Source

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Table 3. Rules for granting access licences

Туре	Rules
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Туре	Rules
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Table 5. Trading rules

Trade type	Rules
Into groundwater source	Permitted subject to assessment except from the GAB Surat Shallow Groundwater Source.
Within groundwater source	Permitted subject to assessment.
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Rules summary sheet 2 of 4

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	 200 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 and including to 20 ML/year
	 400 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 over 20 ML/year
	 100 m of the boundary of the property (unless written consent gained from neighbour)
	 1,000 m from a local water utility or major water utility bore, in the same water source (unless written consent gained from the utility)
	 400 m of a government monitoring or observation bore.
	The plan lists circumstances in which these distances conditions may be varied.
	Note: These rules do not apply to replacement bores.
Rules for bores located near	Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances:
contamination	500 m of a contamination source
sources	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.
	The plan lists circumstances in which these distance conditions may be varied.
	Note: Contamination sources are identified in Schedule 1 of the plan.
	Note: These rules apply to new and replacement bores and bores used solely for basic landholder rights.
	Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.



Туре	Rules
Rules for bores located near high- priority, groundwater-	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):
dependent ecosystems	40 m from top of high bank of a river
coosystems	 200 m of any high-priority GDE for bores that are not used solely for basic landholder rights.
	The plan lists circumstances in which these distances conditions may be varied.
	Note: These rules do not apply to replacement bores.
	Note: High-priority GDEs are defined in Schedule 2 of the plan and 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.
	Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.
Rules for bores located near groundwater-	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:
dependent, culturally significant areas	200 m for bores not used solely for basic landholder rights.
significant areas	The plan lists circumstances in which these distance conditions may be varied.
	Note: These rules do not apply to replacement bores.
	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.
	Note: These rules do not apply for bores that are to be used for monitoring, environmental remediation activities or emergency services.



Rules summary sheet 2 of 4

Туре	Rules
Rules for bores used solely for basic	Water supply works (bores) used solely for basic landowner rights may not be granted or amended if the work is within the following distances:
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Rules summary sheet 4 of 4

Rules summary sheet GAB Warrego Shallow Groundwater Source

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Limit	Explanation
Long-term average annual extraction limit	The long-term average annual extraction limit (LTAAEL) is 33,400 ML/year.
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Trade type	Rules
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Rules summary sheet 4 of 4

Туре	Rules
Rules for bores used solely for basic landholder rights	Water supply works (bores) used solely for basic landowner rights may not be granted or amended if the work is within the following distances:
	100 m of a government monitoring or observation bore
	40 m from top of the high bank of a river
	100 m of any high-priority GDE
	 100m of a groundwater-dependent, culturally significant area.
	The plan lists circumstances in which these distance conditions may be varied.
	Note: These rules do not apply to replacement bores.
	Note: High-priority GDEs are defined in Schedule 2 of the plan and 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.
	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.
Rules for replacement groundwater works	Replacement groundwater works means a water supply work that:
	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.
	The plan lists circumstances in which these replacement groundwater works conditions may be varied.

More information about the planning process and the *Water Sharing Plan for the NSW Great Artesian Basin Shallow 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.