

Rules summary sheet GAB Central Shallow Groundwater Source

| Water sharing plan | |
|-------------------------------|---|
| Water sharing plan | NSW Great Artesian Basin Shallow Groundwater Sources |
| Plan commencement date | 14 November 2011 |
| Term of the plan | 10 years |
| Water source | <p>The waters in this groundwater source include all water contained in all alluvials regardless of depth and all other formations to a maximum depth of 60 metres below the surface of the ground within the boundary of the GAB Central Shallow Groundwater Source as shown on the registered map.</p> <p>This does not include water contained in water sources as defined in another water sharing plan, including the deeper NSW GAB, or mapped groundwater sources shown on the registered map.</p> |

Rules summary

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

| Limits to the availability of water | |
|--|---|
| Assessment of average annual extraction against the long-term average annual extraction limit | <p>Growth in extractions will be assessed against the long-term average annual extraction limit over a three year period with a five per cent tolerance.</p> <p>Assessments will commence in the fourth year of the plan.</p> |
| Available water determinations (AWDs) | <p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none"> • stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share component • aquifer access licences – 1ML/unit share or lower amount as a result of a growth in extraction response. |

| Access rules | |
|---------------------------------|---|
| Granting access licences | <p>Granting of new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> local water utility, major water utility, domestic and stock and town water supply <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> aquifer (Aboriginal cultural), up to 10 megalitres a year aquifer (Aboriginal community development) up to 50 megalitres a year <p>Granting of water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note: Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences and exemptions that do not require an access licence.</p> |
| Carryover | <ul style="list-style-type: none"> Up to 10 per cent of entitlement can be carried over <p><i>No carryover is allowed for domestic and stock, local water utility or special purpose access licences.</i></p> |
| Take limit | <p>The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access account for that water year including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p> |

| Rules for granting and amending water supply works approvals | |
|---|---|
| To minimise interference between neighbouring water supply works | <p>No water supply works (bores) to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> 400 metres from an aquifer access licence bore on another landholding, if the new water supply work is authorised to take more than 20ML/year 200 metres from an aquifer access licence bore on another landholding, if the new water supply work is authorised to take less than or equal to 20ML/year 200 metres from a basic landholder rights bore on another landholding 500 metres from a local or major water utility access licence bore 200 metres from an Office of Water monitoring bore 50 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p> |

| Rules for granting and amending water supply works approvals | |
|--|---|
| To protect bores located near contamination | <p>No water supply works (bores) to be granted or amended within:</p> <ul style="list-style-type: none"> • 250 metres of contamination identified within the plan • between 250 and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination • a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p> |
| To protect bores located near sensitive environmental areas | <p>No water supply works (bores) within the following distances of high priority groundwater dependent ecosystems (GDEs) listed in the plan:</p> <ul style="list-style-type: none"> • 500 metres • a distance of greater than 500 metres if the bore is likely to cause drawdown at the perimeter of any GDE system • 40 metres from the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p> |
| To protect groundwater dependent culturally significant sites | <p>No water supply works (bores) to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p> |
| To manage the use of existing bores within restricted distances | <p>Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within:</p> <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan. |
| To manage local impacts | <p>The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to:</p> <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer • protect groundwater-dependent ecosystems • maintain pressure, or to ensure pressure recovery, in an aquifer. |

| Trading rules | |
|---|--|
| INTO groundwater source | Permitted from GAB Warrego Shallow |
| WITHIN groundwater source | Permitted |
| Conversion to another category of access licence | Not permitted |
| Between states | Permitted: <ul style="list-style-type: none">• where there is an interstate agreement for such dealings• such arrangements are specified in the Minister's Access Licence Dealing Principles. |

More information about the macro planning process for the NSW Great Artesian Basin shallow groundwater sources is available on the NSW Office of Water website www.water.nsw.gov.au.

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Rules summary sheet GAB Surat Shallow Groundwater Source

| Water sharing plan | |
|-------------------------------|---|
| Water sharing plan | NSW Great Artesian Basin Shallow Groundwater Sources |
| Plan commencement date | 14 November 2011 |
| Term of the plan | 10 years |
| Water source | <p>The waters in this groundwater source include all water contained in all alluvials regardless of depth and all other formations to a maximum depth of 60 metres below the surface of the ground within the boundary of the GAB Surat Shallow Groundwater Source as shown on the registered map.</p> <p>This does not include water contained in water sources as defined in another water sharing plan, including the deeper NSW GAB, or mapped groundwater sources shown on the registered map.</p> |

Rules summary

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

| Limits to the availability of water | |
|--|--|
| Assessment of average annual extraction against the long-term average annual extraction limit | <p>Growth in extractions will be assessed against the long-term average annual extraction limit over a three year period with a five per cent tolerance.</p> <p>Assessments will commence in the fourth year of the plan.</p> |
| Available water determinations (AWDs) | <p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none"> • stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share component • aquifer access licences – 1 ML/unit share or lower amount as a result of a growth in extraction response. |

| Access rules | |
|---------------------------------|---|
| Granting access licences | <p>Granting of new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> • local water utility, major water utility, domestic and stock and town water supply <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> • aquifer (Aboriginal cultural), up to 10 megalitres a year • aquifer (Aboriginal community development) up to 50 megalitres a year <p>Granting of water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note. Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences and exemptions that do not require an access licence.</p> |
| Carry-over | <ul style="list-style-type: none"> • Up to 25 per cent of entitlement can be carried over. <p><i>No carryover is allowed for domestic and stock, local water utility or special purpose access licences.</i></p> |
| Take Limit | <p>The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access account for that water year including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p> |

| Rules for granting and amending water supply works approvals | |
|---|--|
| To minimise interference between neighbouring water supply works | <p>No water supply works (bores) to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> • 400 metres from an aquifer access licence bore on another landholding, if the new water supply work is authorised to take more than 20ML/year • 200 metres from an aquifer access licence bore on another landholding, if the new water supply work is authorised to take less than or equal to 20ML/year • 200 metres from a basic landholder rights bore on another landholding • 1,000 metres from a local or major water utility access licence bore • 400 metres from an Office of Water monitoring bore • 100 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p> |

| Rules for granting and amending water supply works approvals | |
|--|--|
| To protect bores located near contamination | <p>No water supply works (bores) to be granted or amended within:</p> <ul style="list-style-type: none"> • 250 metres of contamination identified within the plan • between 250 metres and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination • a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p> |
| To protect bores located near sensitive environmental areas | <p>No water supply works (bores) within the following distances of high priority groundwater dependent ecosystems (GDEs) listed in the plan:</p> <ul style="list-style-type: none"> • 500 metres • a distance of greater than 500 metres if the bore is likely to cause drawdown at the perimeter of any GDE system • 40 metres from the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p> |
| To protect groundwater dependent culturally significant sites | <p>No water supply works (bores) to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules</i></p> |
| To manage the use of existing bores within restricted distances | <p>Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within:</p> <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan. |
| To manage local impacts | <p>The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to:</p> <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer; • protect groundwater-dependent ecosystems • maintain pressure, or to ensure pressure recovery, in an aquifer. |

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

More information about the macro planning process for the NSW Great Artesian Basin shallow groundwater sources is available on the NSW Office of Water website www.water.nsw.gov.au.

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Rules summary sheet GAB Warrego Shallow Groundwater Source

| Water sharing plan | |
|-------------------------------|---|
| Water sharing plan | NSW Great Artesian Basin Shallow Groundwater Sources |
| Plan commencement date | 14 November 2011 |
| Term of the plan | 10 years |
| Water source | <p>The waters in this groundwater source include all water contained in all alluvials regardless of depth and all other formations to a maximum depth of 60 metres below the surface of the ground within the boundary of the GAB Warrego Shallow Groundwater Source as shown on the registered map.</p> <p>This does not include water contained in the water sources as defined in another water sharing plan, including the deeper NSW GAB, or mapped groundwater sources shown on the registered map.</p> |

Rules summary

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

| Limits to the availability of water | |
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| Assessment of average annual extraction against the long-term average annual extraction limit | <p>Growth in extractions will be assessed against the long-term average annual extraction limit over a three year period with a five per cent tolerance.</p> <p>Assessments will commence in the fourth year of the plan.</p> |
| Available water determinations (AWDs) | <p>Available water determinations will be made at the commencement of each water year for:</p> <ul style="list-style-type: none"> • stock and domestic, local and major water utilities and specific purpose access licences – 100 per cent of share component • aquifer access licences – 1ML/unit share or lower amount as a result of a growth in extraction response. |

| Access rules | |
|---------------------------------|---|
| Granting access licences | <p>Granting of new water access licences may be considered for the following categories:</p> <ul style="list-style-type: none"> local water utility, major water utility, domestic and stock and town water supply <p><i>These are specific purpose access licences in clause 19 of the Water Management (General) Regulation 2011.</i></p> <ul style="list-style-type: none"> aquifer (Aboriginal cultural), up to 10 megalitres a year aquifer (Aboriginal community development) up to 50 megalitres a year <p>Granting of water access licences may also be considered as part of a controlled allocation order made in relation to any unassigned water in this water source.</p> <p>Note. Prior to any controlled allocation being made there must be consideration of maximum volumes representing the total share components of access licences in the water source, future priority requirements, including basic landholder rights and specific purpose access licences and exemptions that do not require an access licence.</p> |
| Carry-over | <ul style="list-style-type: none"> Up to 10 per cent of entitlement can be carried over <p><i>No carryover is allowed for domestic and stock, local water utility or special purpose access licences.</i></p> |
| Take Limit | <p>The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access account for that water year including carryover from the previous year, adjusted for allocation assignments out of or into individual accounts.</p> |

| Rules for granting and amending water supply works approvals | |
|---|---|
| To minimise interference between neighbouring water supply works | <p>No water supply works (bores) to be granted or amended within the following distances of existing bores:</p> <ul style="list-style-type: none"> 400 metres from an aquifer access licence bore on another landholding, if the new water supply work is authorised to take more than 20ML/year 200 metres from an aquifer access licence bore on another landholding, if the new water supply work is authorised to take less than or equal to 20ML/year 200 metres from a basic landholder rights bore on another landholding 500 metres from a local or major water utility access licence bore 200 metres from an Office of Water monitoring bore 50 metres from a property boundary. <p><i>The plan lists circumstances in which these distance conditions may be varied.</i></p> |

| Rules for granting and amending water supply works approvals | |
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| To protect bores located near contamination | <p>No water supply works (bores) to be granted or amended within:</p> <ul style="list-style-type: none"> • 250 metres of contamination identified within the plan; • between 250 metres and 500 metres of contamination as identified within the plan unless no drawdown of water will occur within 250 metres of the contamination • a distance greater than 500 metres of contamination as identified within the plan if necessary to protect the water source, the environment or public health or safety. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p> |
| To protect bores located near sensitive environmental areas | <p>No water supply works (bores) within the following distances of high priority groundwater dependent ecosystems (GDEs) listed in the plan:</p> <ul style="list-style-type: none"> • 500 metres • a distance of greater than 500 metres if the bore is likely to cause drawdown at the perimeter of any GDE system • 40 metres from the top of the high bank of a river or stream. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules.</i></p> |
| To protect groundwater dependent culturally significant sites | <p>No water supply works (bores) to be granted or amended within the following distances of groundwater dependent cultural significant sites:</p> <ul style="list-style-type: none"> • 100 metres for basic landholder rights bores • 200 metres for bores not used solely for extracting basic landholder rights. <p><i>The plan lists circumstances in which these distance conditions may be varied and exemptions from these rules</i></p> |
| To manage the use of existing bores within restricted distances | <p>Existing water supply works (bore) can continue extraction of groundwater with the maximum annual amount extracted equivalent to the shares nominated at the commencement of the plan within:</p> <ul style="list-style-type: none"> • 500 metres of contamination listed in the plan. |
| To manage local impacts | <p>The Minister may prohibit or restrict the taking of water from a water source in order to manage local impacts in groundwater sources, where required to:</p> <ul style="list-style-type: none"> • maintain or protect water levels in an aquifer • maintain, protect or improve the quality of water in an aquifer • prevent land subsidence or compaction in an aquifer • protect groundwater-dependent ecosystems • maintain pressure, or to ensure pressure recovery, in an aquifer. |

| Trading rules | |
|---|---|
| INTO groundwater source | Permitted from GAB Central Shallow. |
| WITHIN groundwater source | Permitted. |
| Conversion to another category of access licence | Not permitted |
| Between states | Permitted: <ul style="list-style-type: none"> • where there is an interstate agreement for such dealings • such arrangements are specified in the Minister's Access Licence Dealing Principles. |

More information about the macro planning process for the NSW Great Artesian Basin shallow groundwater sources is available on the Office of Water website www.water.nsw.gov.au.

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