

1 July 2020

## Opening water allocations 2020-21

### Groundwater users

The NSW Department of Planning, Industry and Environment today announced opening groundwater allocations for the 2020-21 water year.

The 2019-20 water year delivered generally low rainfall and high temperatures. Groundwater sources across NSW were heavily relied upon due to severe water shortages for most of the year.

Available Water Determinations (AWDs) are the first action implemented under water sharing plan rules to return groundwater extraction to within sustainable limits. Where the extraction limit for a groundwater source is exceeded, the response is to reduce the amount of water allocated.

Three groundwater sources, listed below, have triggered this action for 2020-21. While the plan rules are designed to “*return average annual extractions in the relevant groundwater source to the long term average annual extraction limit*”, this can be done over a period of time, allowing water users to adjust their extraction, rather than immediately applying a zero or near zero allocation.

However, it should be noted that although extraction may be within long-term sustainable extraction limits for a groundwater source, there may be localised significant drawdown causing impacts that must be managed. In this case, temporary water restrictions are applied to limit the access to water in accounts for a period while water levels recover. Upper Lachlan Zone 1 Management Zone is one such groundwater source.

The allocations to licence categories in all water sources are tabulated below. In summary, all licence categories will receive a full allocation for the 2020-21 water year, apart those aquifer access licences in the three water sources listed immediately below where their extraction limits have been exceeded, those linked to reduced surface water allocations, and those in the Upper Namoi Zone 1 groundwater source that will receive an available water determination of 2.3 ML per share in accordance with the water sharing plan rules.

#### Upper Namoi Zone 3, (Breeza to Gunnedah)

- Aquifer access licences in Upper Namoi Zone 3 (Breeza to Gunnedah) groundwater source have received an allocation of **0.88 megalitres per unit share (ML/share)**. This reduced allocation is needed to restore usage back to within the water sharing plan’s compliance limit.
- This groundwater source has pressed compliance limits on several occasions in the past.
- It was identified in the 22 May 2019 Groundwater Allocation Statement as having the potential to trigger reduced allocations for the 2019-20 water year, however; the final extraction volume was under the compliance trigger and no reduction was necessary at that time.

#### Lower Murrumbidgee (Deep)

- Aquifer licences in the Lower Murrumbidgee (deep) groundwater source have received an allocation of **0.65 ML/share**. This is the estimated allocation required to bring the average annual extraction back within the water sharing plan’s compliance limit.
- An initial reduction in 2019-20 to 0.7 ML/share did signal to licence holders that extraction had exceeded sustainable limits. The department advised that extraction can be steered back to sustainable levels by reducing allocations over consecutive years.

### Eastern Recharge

- Aquifer access licences in the Eastern Recharge groundwater source have received an allocation of **0.25 ML/share**. This is the estimated allocation required to steer the average usage back to within the water sharing plan's compliance limit.
- This is the third consecutive year that extraction has exceeded the plan's compliance limit despite reduced allocations.

### Upper Lachlan Alluvial Zone 1

- A temporary water restriction order will be issued to restrict aquifer access licence extraction for the Upper Lachlan Alluvial Zone 1 Management Zone
- Under the proposed restriction order, irrigators will be allowed access to **30%** of their water entitlement share and to trade this volume within the management zone.
- This level of access, combined with the extended period of forewarning, is to restore bore water levels while also enabling water users to adjust their planned production.
- The restriction order will also protect water for critical human and environmental needs and prevent irreversible damage to the Upper Lachlan aquifer.
- The observed decline in groundwater level is associated with below average rainfall over several years, reduced average groundwater recharge, and an increase in groundwater extraction to meet water needs which would otherwise be met using surface water.

# Water Allocation Statement

## NSW Groundwater Sources



Water Sources	Categories	Amount
ADELAIDE FOLD BELT MDB GROUNDWATER SOURCE	AQUIFER	1 megalitre
ADELAIDE FOLD BELT NORTH WESTERN GROUNDWATER SOURCE	AQUIFER	1 megalitre
ALSTONVILLE BASALT PLATEAU GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
ALUMY CREEK WATER SOURCE	AQUIFER	1 megalitre
ARALUEN CREEK WATER SOURCE	AQUIFER	1 megalitre
BAERAMI CREEK WATER SOURCE	AQUIFER	1 megalitre
BANGALOW AREA WATER SOURCE	AQUIFER	1 megalitre
BEGA RIVER ESTUARY AND TRIBUTARIES WATER SOURCE	AQUIFER	1 megalitre
BELL ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
BELLINGER RIVER WATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
BELLINGER-NAMBUCCA COASTAL SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
BELUBULA VALLEY ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [HIGH SECURITY]	1 megalitre
BILLABONG CREEK ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
	LOCAL WATER UTILITY	100 %
	SALINITY AND WATER TABLE MANAGEMENT	100 %
BOAMBEE CREEK WATER SOURCE	AQUIFER	1 megalitre
BOBUNDRA CREEK WATER SOURCE	AQUIFER	1 megalitre
BONVILLE CREEK WATER SOURCE	AQUIFER	1 megalitre
BOTANY SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
BOW RIVER WATER SOURCE	AQUIFER	1 megalitre
BRAYS CREEK WATER SOURCE	AQUIFER	1 megalitre
BRUNSWICK RIVER COASTAL FLOODPLAIN ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
BUCCA BUCCA CREEK WATER SOURCE	AQUIFER	1 megalitre
BUNGENDORE ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre

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Water Sources	Categories	Amount
	LOCAL WATER UTILITY	100 %
BURRINGBAR RIVER WATER SOURCE	AQUIFER	1 megalitre
BYLONG RIVER WATER SOURCE	AQUIFER	1 megalitre
CANDLAGAN CREEK WATER SOURCE	AQUIFER	1 megalitre
CASTLEREAGH ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
CENTRAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
CLARENCE COASTAL SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
CLARENCE MORETON BASIN GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
CLARENCE RIVER COASTAL FLOODPLAIN ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
CLOTHIERS CREEK WATER SOURCE	AQUIFER	1 megalitre
COASTAL BELLINGER WATER SOURCE	AQUIFER	1 megalitre
COASTAL MACLEAY FLOODPLAIN ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
COASTAL MACLEAY WATER SOURCE	AQUIFER	1 megalitre
COASTAL NAMBUCCA FLOODPLAIN ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
COASTAL NAMBUCCA RIVER WATER SOURCE	AQUIFER	1 megalitre
COFFS CREEK WATER SOURCE	AQUIFER	1 megalitre
COFFS HARBOUR COASTAL SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
COMBOYNE BASALT GROUNDWATER SOURCE	AQUIFER	1 megalitre
CORAKI AREA WATER SOURCE	AQUIFER	1 megalitre
CORINDI RIVER WATER SOURCE	AQUIFER	1 megalitre
COXS RIVER FRACTURED ROCK GROUNDWATER SOURCE	AQUIFER	1 megalitre
CRYSTAL CREEK WATER SOURCE	AQUIFER	1 megalitre
CUDGEGONG ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [HIGH SECURITY]	1 megalitre
	LOCAL WATER UTILITY	100 %
CUDGEN LAKE WATER SOURCE	AQUIFER	1 megalitre
CURALO AND TRIBUTARIES WATER SOURCE	AQUIFER	1 megalitre
CURRABUBULA ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre

# Water Allocation Statement

## NSW Groundwater Sources



Water Sources	Categories	Amount
	AQUIFER [TOWN WATER SUPPLY]	100 %
DART BROOK WATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
DINGO CREEK WATER SOURCE	AQUIFER	1 megalitre
DORRIGO BASALT GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [ABORIGINAL CULTURAL]	100 %
DOUBLE DUKE AREA WATER SOURCE	AQUIFER	1 megalitre
DOYLES CREEK WATER SOURCE	AQUIFER	1 megalitre
DUNBIBLE CREEK WATER SOURCE	AQUIFER	1 megalitre
DUNGAY CREEK WATER SOURCE	AQUIFER	1 megalitre
EASTERN RECHARGE GROUNDWATER SOURCE	AQUIFER	0.25 megalitre
	DOMESTIC AND STOCK [TOWN WATER SUPPLY]	100 %
GAB CENTRAL SHALLOW (MDB) GROUNDWATER SOURCE	AQUIFER	1 megalitre
GAB CENTRAL SHALLOW (NORTH WESTERN) GROUNDWATER SOURCE	AQUIFER	1 megalitre
GAB SHALLOW SURAT GROUNDWATER SOURCE	AQUIFER	1 megalitre
	DOMESTIC AND STOCK [DOMESTIC]	100 %
	LOCAL WATER UTILITY	100 %
GLENDON BROOK WATER SOURCE	AQUIFER	1 megalitre
GLENNIES WATER SOURCE	AQUIFER	1 megalitre
GLOUCESTER BASIN GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
GORGES-UPPER MID CLARENCE WATER SOURCE	AQUIFER	1 megalitre
GOULBURN FRACTURED ROCK GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
GRADYS CREEK WATER SOURCE	AQUIFER	1 megalitre
GREAT LAKES COASTAL SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
GUNDAGAI ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre

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Water Sources	Categories	Amount
	AQUIFER [HIGH SECURITY]	0.984 megalitre
	LOCAL WATER UTILITY	100 %
GUNNEDAH - OXLEY BASIN MDB GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
HALLS CREEK WATER SOURCE	AQUIFER	1 megalitre
HASTINGS COASTAL SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
HASTINGS RIVER COASTAL FLOODPLAIN ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
HAWKESBURY ALLUVIUM GROUNDWATER SOURCE	AQUIFER	1 megalitre
HAWKESBURY TO HUNTER COASTAL SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
HUNTER REGULATED RIVER ALLUVIAL WATER SOURCE	AQUIFER	0.9 megalitre
	LOCAL WATER UTILITY	100 %
HYDES CREEK WATER SOURCE	AQUIFER	1 megalitre
INVERELL BASALT GROUNDWATER SOURCE	AQUIFER	1 megalitre
ISIS RIVER WATER SOURCE	AQUIFER	1 megalitre
JERRYS WATER SOURCE	AQUIFER	1 megalitre
KALANG RIVER WATER SOURCE	AQUIFER	1 megalitre
KANMANTOO FOLD BELT MDB GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
KANMANTOO FOLD BELT NORTH WESTERN GROUNDWATER SOURCE	AQUIFER	1 megalitre
KARUAH RIVER WATER SOURCE	AQUIFER	1 megalitre
KULNURA MANGROVE MOUNTAIN GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
KYEAMBA ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
KYOGLE AREA WATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
LACHLAN FOLD BELT COAST GROUNDWATER SOURCE	AQUIFER	1 megalitre

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Water Sources	Categories	Amount
	AQUIFER [TOWN WATER SUPPLY]	100 %
	LOCAL WATER UTILITY	100 %
LACHLAN FOLD BELT MDB GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
	LOCAL WATER UTILITY	100 %
	LOCAL WATER UTILITY [DOMESTIC AND COMMERCIAL]	100 %
	SALINITY AND WATER TABLE MANAGEMENT	100 %
LENNOX AREA WATER SOURCE	AQUIFER	1 megalitre
LEYCESTER CREEK WATER SOURCE	AQUIFER	1 megalitre
LIVERPOOL RANGES BASALT COAST GROUNDWATER SOURCE	AQUIFER	1 megalitre
LIVERPOOL RANGES BASALT MDB GROUNDWATER SOURCE	AQUIFER	1 megalitre
LORNE BASIN GROUNDWATER SOURCE	AQUIFER	1 megalitre
LOWER DARLING ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
LOWER GOULBURN RIVER WATER SOURCE	AQUIFER	1 megalitre
LOWER GWYDIR GROUNDWATER SOURCE	AQUIFER	1 megalitre
	DOMESTIC AND STOCK [DOMESTIC]	100 %
	LOCAL WATER UTILITY	100 %
LOWER LACHLAN GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
	LOCAL WATER UTILITY	100 %
	SUPPLEMENTARY WATER	0 megalitre
LOWER MACQUARIE ZONE 1 GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
LOWER MACQUARIE ZONE 2 GROUNDWATER SOURCE	AQUIFER	1 megalitre
LOWER MACQUARIE ZONE 3 GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
LOWER MACQUARIE ZONE 4 GROUNDWATER SOURCE	AQUIFER	1 megalitre

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Water Sources	Categories	Amount
LOWER MACQUARIE ZONE 5 GROUNDWATER SOURCE	AQUIFER	1 megalitre
LOWER MACQUARIE ZONE 6 GROUNDWATER SOURCE	AQUIFER	1 megalitre
LOWER MANNING RIVER WATER SOURCE	AQUIFER	1 megalitre
LOWER MARSHALLS CREEK WATER SOURCE	AQUIFER	1 megalitre
LOWER MURRAY GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
	LOCAL WATER UTILITY	100 %
LOWER MURRAY SHALLOW GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
	SALINITY AND WATER TABLE MANAGEMENT	100 %
LOWER MURRUMBIDGEE DEEP GROUNDWATER SOURCE	AQUIFER	0.65 megalitre
	AQUIFER [COMMUNITY AND EDUCATION]	65 %
	AQUIFER [TOWN WATER SUPPLY]	65 %
	DOMESTIC AND STOCK [STOCK]	100 %
	LOCAL WATER UTILITY	100 %
LOWER MURRUMBIDGEE SHALLOW GROUNDWATER SOURCE	AQUIFER	1 megalitre
LOWER NAMOI GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
LOWER NSW SNOWY RIVER WATER SOURCE	AQUIFER	1 megalitre
LOWER TOWAMBA RIVER WATER SOURCE	AQUIFER [TOWN WATER SUPPLY]	100 %
LOWER WOLLOMBI BROOK WATER SOURCE	AQUIFER	1 megalitre
LUSKINTYRE WATER SOURCE	AQUIFER	1 megalitre
MACINTYRE ALLUVIAL GROUNDWATER SOURCE	AQUIFER [HIGH SECURITY]	1 megalitre
	LOCAL WATER UTILITY	100 %
MACLEAY COASTAL SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
MACLEAY VALLEY WATER SOURCE	AQUIFER	1 megalitre



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Water Sources	Categories	Amount
	LOCAL WATER UTILITY	100 %
MANILLA ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER (GENERAL SECURITY)	0.85 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
MANNING ESTUARY TRIBUTARIES WATER SOURCE	AQUIFER	1 megalitre
MANNING-CAMDEN HAVEN COASTAL SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
MAROOKA TERTIARY SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
MARTINDALE CREEK WATER SOURCE	AQUIFER	1 megalitre
MATAGANAH CREEK WATER SOURCE	AQUIFER	1 megalitre
MERRIWA RIVER WATER SOURCE	AQUIFER	1 megalitre
METROPOLITAN COASTAL SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
MID BEGA RIVER SANDS WATER SOURCE	AQUIFER	1 megalitre
MID MURRUMBIDGEE ZONE 3 ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	DOMESTIC AND STOCK	100 %
	LOCAL WATER UTILITY	100 %
MID ORARA RIVER WATER SOURCE	AQUIFER	1 megalitre
MID TWEED RIVER WATER SOURCE	AQUIFER	1 megalitre
MISSABOTTI CREEK WATER SOURCE	AQUIFER	1 megalitre
MORTONS CREEK WATER SOURCE	AQUIFER	1 megalitre
MUNMURRA RIVER WATER SOURCE	AQUIFER	1 megalitre
MUSWELLBROOK WATER SOURCE	AQUIFER	1 megalitre
MYALL RIVER WATER SOURCE	AQUIFER	1 megalitre
MYRTLE CREEK WATER SOURCE	AQUIFER	2 megalitre
NARRAWALLEE INLET WATER SOURCE	AQUIFER	1 megalitre
NEW ENGLAND FOLD BELT COAST GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
NEW ENGLAND FOLD BELT MDB GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER (GENERAL SECURITY)	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %

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## NSW Groundwater Sources



Water Sources	Categories	Amount
	LOCAL WATER UTILITY	100 %
NEWCASTLE WATER SOURCE	AQUIFER	1 megalitre
NORTH ARM - NAMBUCCA RIVER WATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
NORTH COAST VOLCANICS GROUNDWATER SOURCE	AQUIFER	1 megalitre
NORTH LAKE MACQUARIE WATER SOURCE	AQUIFER	1 megalitre
NSW BORDER RIVERS DOWNSTREAM KEETAH BRIDGE ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
NSW BORDER RIVERS UPSTREAM KEETAH BRIDGE ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
NULLA NULLA CREEK WATER SOURCE	LOCAL WATER UTILITY	100 %
NULLICA RIVER WATER SOURCE	AQUIFER	1 megalitre
ORANGE BASALT GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
OTTLEYS CREEK ALLUVIAL GROUNDWATER SOURCE	DOMESTIC AND STOCK	100 %
OXLEY BASIN COAST GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
PAGES RIVER WATER SOURCE	AQUIFER	1 megalitre
PAMBULA LAKE TRIBUTARIES WATER SOURCE	AQUIFER	1 megalitre
PEEL ALLUVIUM WATER SOURCE	AQUIFER	1 megalitre
	AQUIFER (GENERAL SECURITY)	0.51 megalitre
	DOMESTIC AND STOCK	100 %
	DOMESTIC AND STOCK [DOMESTIC]	100 %
	LOCAL WATER UTILITY	100 %
PEEL FRACTURED ROCK WATER SOURCE	AQUIFER	1 megalitre
	DOMESTIC AND STOCK	100 %
	DOMESTIC AND STOCK [DOMESTIC]	100 %
	DOMESTIC AND STOCK [TOWN WATER SUPPLY]	100 %
	LOCAL WATER UTILITY	100 %

# Water Allocation Statement

## NSW Groundwater Sources



Water Sources	Categories	Amount
PINE-BUNDAGAREE CREEK WATER SOURCE	AQUIFER	1 megalitre
QUIPOLLY ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
QUIRINDI ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
RICHMOND COASTAL SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
RICHMOND REGULATED ALLUVIAL WATER SOURCE	AQUIFER	1 megalitre
ROLANDS CREEK WATER SOURCE	AQUIFER	1 megalitre
ROUCHEL BROOK WATER SOURCE	AQUIFER	1 megalitre
SANDY BEACH CREEK WATER SOURCE	AQUIFER	1 megalitre
SANDY CREEK WATER SOURCE	AQUIFER	1 megalitre
SHANNON BROOK WATER SOURCE	AQUIFER	1 megalitre
SINGLETON WATER SOURCE	AQUIFER	1 megalitre
SOUTH EAST COASTAL SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
SOUTHERN RECHARGE GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
STEWARTS RIVER WATER SOURCE	AQUIFER	1 megalitre
STOCKTON GROUNDWATER SOURCE	AQUIFER	1 megalitre
STUARTS POINT GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
SURAT GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
	LOCAL WATER UTILITY	100 %
SYDNEY BASIN BLUE MOUNTAINS GROUNDWATER SOURCE	AQUIFER	1 megalitre
SYDNEY BASIN CENTRAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
SYDNEY BASIN COXS RIVER GROUNDWATER SOURCE	AQUIFER	1 megalitre
SYDNEY BASIN MDB GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER (GENERAL SECURITY)	1 megalitre
SYDNEY BASIN NEPEAN GROUNDWATER SOURCE	AQUIFER	1 megalitre

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Water Sources	Categories	Amount
	DOMESTIC AND STOCK [TOWN WATER SUPPLY]	100 %
SYDNEY BASIN NORTH GROUNDWATER SOURCE	AQUIFER	1 megalitre
SYDNEY BASIN RICHMOND GROUNDWATER SOURCE	AQUIFER	1 megalitre
	DOMESTIC AND STOCK [TOWN WATER SUPPLY]	100 %
SYDNEY BASIN SOUTH GROUNDWATER SOURCE	AQUIFER	1 megalitre
SYDNEY BASIN-NORTH COAST GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
SYDNEY BASIN-SOUTH COAST GROUNDWATER SOURCE	AQUIFER	1 megalitre
TALBRAGAR ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
	LOCAL WATER UTILITY	100 %
TAYLORS ARM WATER SOURCE	AQUIFER	1 megalitre
TERANIA CREEK WATER SOURCE	AQUIFER	1 megalitre
THORA - NORTH ARM BELLINGER WATER SOURCE	AQUIFER	1 megalitre
TOMAGO GROUNDWATER SOURCE	AQUIFER	1 megalitre
	MAJOR UTILITY [URBAN WATER]	100 %
TOMAREE GROUNDWATER SOURCE	AQUIFER	1 megalitre
	MAJOR UTILITY [URBAN WATER]	100 %
TOWAMBA ESTUARY TRIBUTARIES WATER SOURCE	AQUIFER	1 megalitre
TUCKEAN AREA WATER SOURCE	AQUIFER	1 megalitre
TUROSS ESTUARY TRIBUTARIES WATER SOURCE	AQUIFER	1 megalitre
TUROSS RIVER WATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
TWEED ESTUARY WATER SOURCE	AQUIFER	1 megalitre
TWEED-BRUNSWICK COASTAL SANDS GROUNDWATER SOURCE	AQUIFER	1 megalitre
TYAGARAH CREEK WATER SOURCE	AQUIFER	1 megalitre
UPPER BRUNSWICK RIVER WATER SOURCE	AQUIFER	1 megalitre
UPPER DARLING ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre

# Water Allocation Statement

## NSW Groundwater Sources



Water Sources	Categories	Amount
	LOCAL WATER UTILITY	100 %
	SALINITY AND WATER TABLE MANAGEMENT	100 %
UPPER GLOUCESTER RIVER WATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
UPPER GOULBURN RIVER WATER SOURCE	AQUIFER	1 megalitre
UPPER GWYDIR ALLUVIAL GROUNDWATER SOURCE	AQUIFER [HIGH SECURITY]	1 megalitre
	LOCAL WATER UTILITY	100 %
UPPER HUNTER RIVER WATER SOURCE	AQUIFER	1 megalitre
UPPER LACHLAN ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
UPPER MACQUARIE ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	DOMESTIC AND STOCK [DOMESTIC]	100 %
	LOCAL WATER UTILITY	100 %
UPPER MARSHALLS CREEK WATER SOURCE	AQUIFER	1 megalitre
UPPER MURRAY GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
	LOCAL WATER UTILITY	100 %
UPPER NAMOI ZONE 1 BORAMBIL CREEK GROUNDWATER SOURCE	AQUIFER	2.3 megalitre
	LOCAL WATER UTILITY	100 %
UPPER NAMOI ZONE 10 WARRAH CREEK GROUNDWATER SOURCE	AQUIFER	1 megalitre
UPPER NAMOI ZONE 11 MAULES CREEK GROUNDWATER SOURCE	AQUIFER	1 megalitre
UPPER NAMOI ZONE 12 KELVIN VALLEY GROUNDWATER SOURCE	AQUIFER	1 megalitre
UPPER NAMOI ZONE 2 COX'S CREEK (MULLALEY TO BOGGABRI) GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
UPPER NAMOI ZONE 3 MOOKI VALLEY (BREEZA TO GUNNEDAH) GROUNDWATER SOURCE	AQUIFER	0.88 megalitre
	LOCAL WATER UTILITY	100 %
UPPER NAMOI ZONE 4 NAMOI VALLEY (KEEPIT DAM TO GIN'S LEAP) GROUNDWATER SOURCE	AQUIFER	1 megalitre

# Water Allocation Statement

## NSW Groundwater Sources



Water Sources	Categories	Amount
	LOCAL WATER UTILITY	100 %
UPPER NAMOI ZONE 5 NAMOI VALLEY (GIN'S LEAP TO NARRABRI) GROUNDWATER SOURCE	AQUIFER	1 megalitre
UPPER NAMOI ZONE 6 TRIBUTARIES OF THE LIVERPOOL RANGE (SOUTH TO PINE RIDGE ROAD) GROUNDWATER SOURCE	AQUIFER	1 megalitre
UPPER NAMOI ZONE 7 YARRAMAN CREEK (EAST OF LAKE GORAN TO MOOKI RIVER) GROUNDWATER SOURCE	AQUIFER	1 megalitre
UPPER NAMOI ZONE 8 MOOKI VALLEY (QUIRINDI - PINE RIDGE ROAD TO BREEZA) GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
UPPER NAMOI ZONE 9 COX'S CREEK (UP-STREAM MULLALEY) GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
UPPER ORARA RIVER WATER SOURCE	AQUIFER	1 megalitre
UPPER RICHMOND RIVER WATER SOURCE	AQUIFER	1 megalitre
UPPER ROUS RIVER WATER SOURCE	AQUIFER	1 megalitre
UPPER TOWAMBA RIVER WATER SOURCE	AQUIFER	1 megalitre
UPPER WOLLOMBI BROOK WATER SOURCE	AQUIFER	1 megalitre
WAGGA WAGGA ALLUVIAL GROUNDWATER SOURCE	AQUIFER	1 megalitre
	DOMESTIC AND STOCK	100 %
	LOCAL WATER UTILITY	100 %
WAGONGA INLET TRIBUTARIES WATER SOURCE	AQUIFER	1 megalitre
WALLAGOOT LAKE AND TRIBUTARIES WATER SOURCE	AQUIFER	1 megalitre
WALLAMBA RIVER WATER SOURCE	AQUIFER	1 megalitre
WALLIS CREEK WATER SOURCE	AQUIFER	1 megalitre
WARREGO GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
WARRELL CREEK WATER SOURCE	AQUIFER	1 megalitre
WARRUMBUNGE BASALT GROUNDWATER SOURCE	AQUIFER	1 megalitre
WESTERN MURRAY POROUS ROCK GROUNDWATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
	LOCAL WATER UTILITY [DOMESTIC AND COMMERCIAL]	100 %

# Water Allocation Statement

## NSW Groundwater Sources



Water Sources	Categories	Amount
	SALINITY AND WATER TABLE MANAGEMENT	100 %
WIDDEN BROOK WATER SOURCE	AQUIFER	1 megalitre
WILLIAMS RIVER WATER SOURCE	AQUIFER	1 megalitre
WILLINGA LAKE WATER SOURCE	AQUIFER	1 megalitre
WILSON RIVER WATER SOURCE	AQUIFER	1 megalitre
WOLLAR CREEK WATER SOURCE	AQUIFER	1 megalitre
WOLUMLA CREEK WATER SOURCE	AQUIFER	1 megalitre
WONBOYN RIVER WATER SOURCE	AQUIFER	1 megalitre
WYBONG CREEK WATER SOURCE	AQUIFER	1 megalitre
WYONG RIVER WATER SOURCE	AQUIFER	1 megalitre
WYRALLAH AREA WATER SOURCE	AQUIFER	1 megalitre
	LOCAL WATER UTILITY	100 %
YASS CATCHMENT GROUNDWATER SOURCE	AQUIFER	1 megalitre
	AQUIFER [TOWN WATER SUPPLY]	100 %
	DOMESTIC AND STOCK [TOWN WATER SUPPLY]	100 %
	LOCAL WATER UTILITY	100 %
YOUNG GRANITE GROUNDWATER SOURCE	AQUIFER	1 megalitre