



Approval details

Approval number	90WA832266
Status	CURRENT*
Approval kind	Water Supply Works
Water sharing plan	Nsw Murray Darling Basin Porous Rock Groundwater Sources
Date of effect	06/02/2014
Expiry date	09/12/2023
Approval holder(s)	Schedule 1
Water supply works	Schedule 2
Conditions	Schedule 3

Contact for service of documents

Name	Santos Nsw (Eastern) Pty Ltd
Address	206 Conadilly Street Gunnedah NSW-2380

* Note: An approval has effect for such period as is specified in the approval, or if the period is extended under section 105, that extended period. If an application for extension of an approval is lodged before the approval expires, the term of the expiring approval is extended until either the date of the final decision on the application, or a date fixed by the Minister for the approval, whichever is the later date. An approval which has expired can be the subject of an application to extend it but it needs to be accompanied by a statutory declaration of the reasons for the delay in making the application. If the Minister accepts these reasons the term of the approval is taken to have been extended, and the application may be dealt with, as if the application had been made before the approval expired.

It is an offence under the Water Management Act 2000 to breach a term or condition of the approval or to construct and use works to which the approval does not relate. It is also an offence to use works the subject of an approval if the approval has expired, been surrendered or cancelled.

Schedule 1 - Approval holders

The holders of this approval are:

Approval holder(s)	ACN (if applicable)
Santos Nsw (Eastern) Pty Ltd	009 321 662

Important notice - change of landholder or contact

Please advise the Office in the event of any of the following, as soon as practicable:

- If there is a change in the ownership or occupation of the land benefited by this approval (see Schedule 2). Under the Water Management Act 2000, an approval is typically held by the owner or lawful occupier of the benefited land. Consequently, a change in occupation may cause a change in your legal obligations as an approval holder.*
- If there is a change to the contact person. You will be required to lodge a written statement signed by all the holders.*
- If there is a change to the mailing address for the nominated contact person. This should be done by the contact person in writing.

** An updated Statement of Approval will be issued free of charge*

Schedule 2 - Water supply works

Part A: Authorised water supply works

Subject to the conditions of this approval, in relation to each numbered work in the table, the holders of this approval are authorised to construct and use a water supply work of the type shown at the location specified:

Work 1

Specified work

Well [Csg - Exploration]

Specified location

State Forest-
PILLIGA EAST

Water management zone (if applicable)

Gunnedah - Oxley Basin Mdb (Other) Management Zone

Water source

Gunnedah - Oxley Basin Mdb Groundwater Source

Water sharing plan

Nsw Murray Darling Basin Porous Rock Groundwater Sources

Work 2

Specified work

Well [Csg - Exploration]

Specified location

State Forest-
PILLIGA EAST

Water management zone (if applicable)

Gunnedah - Oxley Basin Mdb (Other) Management Zone

Water source

Gunnedah - Oxley Basin Mdb Groundwater Source

Water sharing plan

Nsw Murray Darling Basin Porous Rock Groundwater Sources

Work 3

Specified work Well [Csg - Exploration]

Specified location State Forest-
PILLIGA EAST

Water management zone (if applicable) Gunnedah - Oxley Basin Mdb (Other) Management Zone

Water source Gunnedah - Oxley Basin Mdb Groundwater Source

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Work 4

Specified work Well [Csg - Exploration]

Specified location State Forest-
PILLIGA EAST

Water management zone (if applicable) Gunnedah - Oxley Basin Mdb (Other) Management Zone

Water source Gunnedah - Oxley Basin Mdb Groundwater Source

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Work 5

Specified work Well [Csg - Exploration]

Specified location State Forest-
PILLIGA EAST

Water management zone (if applicable) Gunnedah - Oxley Basin Mdb (Other) Management Zone

Water source Gunnedah - Oxley Basin Mdb Groundwater Source

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Work 6

Specified work Well [Csg - Exploration]

Specified location 69//757104 Whole Lot

Water management zone (if applicable) Gunnedah - Oxley Basin Mdb (Other) Management Zone

Water source Gunnedah - Oxley Basin Mdb Groundwater Source

Water sharing plan Nsw Murray Darling Basin Porous Rock Groundwater Sources

Work 7

Specified work Well [Csg - Exploration]

Specified location State Forest-
PILLIGA EAST

Water management zone (if applicable) Gunnedah - Oxley Basin Mdb (Other) Management Zone

Water source Gunnedah - Oxley Basin Mdb Groundwater Source

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Work 8

Specified work Well [Csg - Exploration]

Specified location State Forest-
PILLIGA EAST

Water management zone (if applicable) Gunnedah - Oxley Basin Mdb (Other) Management Zone

Water source Gunnedah - Oxley Basin Mdb Groundwater Source

Water sharing plan Nsw Murray Darling Basin Porous Rock Groundwater Sources

Schedule 3 - Conditions

The approval is subject to the following conditions:

Part A: Statutory conditions

Water sharing plan

NSW MURRAY DARLING BASIN POROUS ROCK GROUNDWATER SOURCES

Condition 1

THE APPROVAL HOLDER MUST ENSURE THAT IF THE WATER SUPPLY WORK IS ABANDONED OR REPLACED THAT IT IS DECOMMISSIONED IN COMPLIANCE WITH THE MINIMUM REQUIREMENTS FOR DECOMMISSIONING BORES PRESCRIBED IN THE MINIMUM CONSTRUCTION REQUIREMENTS FOR WATER BORES IN AUSTRALIA, 2003, ISBN 1 92029 2009 9 AS AMENDED OR REPLACED FROM TIME TO TIME, UNLESS OTHERWISE DIRECTED BY THE MINISTER IN WRITING.

Condition 2

WITHIN 2 MONTHS OF DECOMMISSIONING OF THE WATER SUPPLY WORK, THE APPROVAL HOLDER MUST NOTIFY THE MINISTER IN WRITING THAT THE WORK HAS BEEN DECOMMISSIONED .

Condition 3

WITHIN TWO MONTHS OF COMPLETION OF THE CONSTRUCTION OF A NEW WATER SUPPLY WORK, OR WITHIN TWO MONTHS AFTER THE ISSUE OF AN APPROVAL FOR A NEW WATER SUPPLY WORK, THE APPROVAL HOLDER MUST SUBMIT TO THE NSW OFFICE OF WATER THE APPROVED FORM COMPLETED WITH ALL RELEVANT DETAILS INCLUDING:

A) THE NAME AND LICENCE NUMBER OF THE DRILLER WHO CONSTRUCTED THE WATER SUPPLY WORK;

B) THE DETAILS OF GEOLOGY AND CONSTRUCTION OF THE WATER SUPPLY WORK;

C) DETAILS OF THE LOCATION OF THE WATER SUPPLY WORK ON A COPY OF THE LOT AND DEPOSITED PLAN, ITS GEOGRAPHICAL REFERENCE ACCURATE TO +/- 5 METRES, AND THE RESPECTIVE DISTANCE(S) OF THE WATER SUPPLY WORK FROM THE PROPERTY BOUNDARIES; AND

D) IF THE MINISTER HAS REQUESTED ANY WATER ANALYSIS AND/OR PUMPING TESTS TO BE CARRIED OUT, DETAILS OF THE WATER ANALYSIS AND/OR PUMPING TESTS REQUIRED BY THE MINISTER.

Condition 4

WHEN DIRECTED BY THE MINISTER BY NOTICE IN WRITING, THE APPROVAL HOLDER MUST PROVIDE A REPORT, IN THE FORM SPECIFIED IN THE NOTICE, DETAILING THE QUALITY OF ANY WATER OBTAINED USING THE WATER SUPPLY WORK.

Condition 5

THIS APPROVAL SHALL LAPSE IF THE CONSTRUCTION OF THE WATER SUPPLY WORK IS NOT COMPLETED WITHIN THREE YEARS OF THE DATE OF ISSUE OF THIS APPROVAL.

Condition 6

IF DURING THE CONSTRUCTION OF THE WATER SUPPLY WORK, SALINE OR CONTAMINATED WATER IS ENCOUNTERED ABOVE THE PRODUCTION AQUIFER, THE APPROVAL HOLDER MUST:

(I) NOTIFY THE MINISTER WITHIN 48 HOURS OF BECOMING AWARE OF THE WATER;

(II) TAKE ALL REASONABLE STEPS TO MINIMISE CONTAMINATION AND ENVIRONMENTAL HARM;

(III) ENSURE THAT SUCH WATER IS SEALED OFF BY INSERTING CASING TO A DEPTH SUFFICIENT TO EXCLUDE THE SALINE OR CONTAMINATED WATER FROM THE WORK, AND, IF SPECIFIED BY THE MINISTER, PLACING AN IMPERMEABLE SEAL BETWEEN THE CASING(S) AND THE WALLS OF THE WORK FROM THE BOTTOM OF THE CASING TO GROUND LEVEL AS SPECIFIED BY THE MINISTER; AND

(IV) COMPLY WITH ANY REQUIREMENTS SPECIFIED BY THE MINISTER.

(V) THE ABOVE REQUIREMENTS DO NOT APPLY WHERE THE WATER SUPPLY WORK IS BEING CONSTRUCTED FOR THE PURPOSE OF TAKING SALINE WATER THROUGH A SALINITY OR WATER TABLE MANAGEMENT ACCESS LICENCE AND THE ONLY CONTAMINATED WATER ENCOUNTERED IS SALINE WATER.

NOTE - IT IS AN OFFENCE UNDER THE PROTECTION OF THE ENVIRONMENT OPERATIONS ACT 1997 TO POLLUTE WATERS.

Condition 7

WHEN DIRECTED BY THE MINISTER BY NOTICE IN WRITING, THE APPROVAL HOLDER MUST HAVE METERING EQUIPMENT INSTALLED THAT MEETS THE FOLLOWING REQUIREMENTS:

(I) THE METERING EQUIPMENT MUST ACCURATELY MEASURE AND RECORD THE FLOW OF ALL WATER TAKEN THROUGH THE WATER SUPPLY WORK;

(II) THE METERING EQUIPMENT MUST COMPLY WITH THE AUSTRALIAN TECHNICAL SPECIFICATION ATS 4747, METERS FOR NON-URBAN WATER SUPPLY AS MAY BE UPDATED FROM TIME TO TIME;

(III) THE METERING EQUIPMENT MUST BE OPERATED AND MAINTAINED IN A PROPER AND EFFICIENT MANNER AT ALL TIMES;

(IV) THE METERING EQUIPMENT MUST BE SITED AND INSTALLED AT A PLACE IN THE PIPE, CHANNEL OR CONDUIT BETWEEN THE GROUNDWATER SOURCE AND THE FIRST DISCHARGE OUTLET. THERE MUST BE NO FLOW OF WATER INTO OR OUT OF THE PIPE, CHANNEL OR CONDUIT BETWEEN THE GROUNDWATER SOURCE AND THE METERING EQUIPMENT;

(V) ANY OTHER REQUIREMENTS AS TO TYPE, STANDARD OR OTHER CRITERIA FOR THE METERING EQUIPMENT, AS SPECIFIED BY THE MINISTER.

Condition 8

THE APPROVAL HOLDER MUST KEEP A LOGBOOK, EXCEPT WHERE THE WATER SUPPLY WORK IS METERED WITH A DATA LOGGER. A "LOGBOOK" MEANS A WRITTEN RECORD, KEPT IN HARD COPY OR ELECTRONIC FORM, WHICH ACCURATELY RECORDS ALL INFORMATION REQUIRED TO BE KEPT FOR THIS APPROVAL.

Condition 9

" THE APPROVAL HOLDER MUST RECORD THE FOLLOWING IN THE LOGBOOK:

(I) EACH DATE AND PERIOD OF TIME ON WHICH WATER WAS TAKEN USING THE WATER SUPPLY WORK;

(II) THE VOLUME OF WATER TAKEN ON THAT DATE;

(III) THE ACCESS LICENCE NUMBER OF THE ACCESS LICENCE UNDER WHICH WATER WAS TAKEN ON THAT DATE, OR, IF WATER WAS TAKEN UNDER SOME OTHER AUTHORITY (SUCH AS BASIC LANDHOLDER RIGHTS ENTITLEMENT), THE AUTHORITY UNDER WHICH WATER WAS TAKEN

(IV) THE PURPOSE OR PURPOSES FOR WHICH THE WATER TAKEN ON THAT DATE WAS USED;

(V) DETAILS OF ANY CROPPING CARRIED OUT USING THE WATER TAKEN THROUGH THE WATER SUPPLY WORK INCLUDING THE TYPE OF CROP, AREA CROPPED, AND DATES OF PLANTING AND HARVESTING;

(VI) WHERE METERING EQUIPMENT HAS BEEN INSTALLED FOR USE IN CONNECTION WITH THE WATER SUPPLY WORK, THE METER READING BEFORE WATER IS TAKEN;

(VII) WHERE METERING EQUIPMENT HAS NOT BEEN INSTALLED FOR USE IN CONNECTION WITH THE WATER SUPPLY WORK, DETAILS OF ALL PUMPING ACTIVITIES FOR THE WATER SUPPLY WORK INCLUDING PUMP RUNNING HOURS, PUMP POWER USAGE OR PUMP FUEL USAGE, PUMP START AND STOP TIMES FOR WATER TAKEN AND PUMP CAPACITY PER UNIT OF TIME;

(VIII) ANY OTHER INFORMATION REQUIRED TO BE RECORDED IN THE LOGBOOK AS SPECIFIED BY THE MINISTER.

Condition 10

THE LICENCE HOLDER MUST PRODUCE THE LOGBOOK TO THE MINISTER FOR INSPECTION, WHEN REQUESTED

Condition 11

THE LICENCE HOLDER MUST RETAIN THE INFORMATION REQUIRED TO BE RECORDED IN THE LOGBOOK FOR 5 YEARS FROM THE DATE TO WHICH THAT INFORMATION RELATES.

Part B: Other Conditions

Works and Use Conditions

Condition 12

CONSTRUCTION ACTIVITY WITHIN 40M OF ANY WATERCOURSE, INCLUDING ACCESS TRACKS AND

WATERCOURSE CROSSINGS, SHOULD BE DESIGNED BY A SUITABLY QUALIFIED PERSON, CONSISTENT WITH

THE NSW GUIDELINES FOR CONTROLLED ACTIVITIES (2012).

Condition 13

A FORM A (CONSTRUCTION REPORT) MUST BE PROVIDED TO THE OFFICE OF WATER FOR ALL MONITORING BORES COMPLETED.

Condition 14

ALL GROUNDWATER DATA OBTAINED THROUGHOUT THE ACTIVITY IS TO BE MADE AVAILABLE TO THE NSW OFFICE OF WATER ON REQUEST.

Condition 15

PRIOR TO THE COMMENCEMENT OF THE ACTIVITY, A WASTE MANAGEMENT PLAN MUST BE DEVELOPED, DETAILING:
#61472;CONTAINMENT METHODS FOR DRILLING BY PRODUCTS, SPOIL AND PRODUCED WATER;
#61472;MITIGATION AND CONTINGENCY MEASURES FOR PREVENTING ACCIDENTAL SPILL;
#61472;REMEDICATION ACTIONS TO BE UNDERTAKEN IN THE EVENT OF ACCIDENTAL SPILL;
#61472;REMOVAL AND REHABILITATION ACTIONS TO BE UNDERTAKEN ON COMPLETION.

Condition 16

THE DRILLING FLUIDS AND PRODUCED WATER MUST BE STORED IN AN ABOVE GROUND TANK OR A SUMP HOLE CONSTRUCTED WITH AN IMPERVIOUS LINING, TO PREVENT CONTAMINATION OF GROUNDWATER.

Condition 17

ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE INSTALLED ACROSS THE PROJECT SITE TO CONTROL SEDIMENT AND RUNOFF TO PROTECT SURFACE WATER RESOURCES FROM POTENTIAL CONTAMINATION.

Note: The words in this approval have the same meaning as in the WMA

END OF STATEMENT