

Approval details

Approval number	30CA321269
Status	CURRENT*
Approval kind	Water Supply Works Water Use
Water sharing plan	NORTH COAST COASTAL SANDS GROUNDWATER SOURCES 2016
Date of effect	01/Jul/2016
Expiry date	28/Feb/2031
Approval holder(s)	Schedule 1
Water supply works	Schedule 2
Water use	Schedule 3
Conditions	Schedule 4

Contact for service of documents

Name	GALES-KINGSCLIFF PTY LIMITED
Address	20 Ginahgulla Rd BELLEVUE HILL NSW 2023

* 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)
GALES-KINGSCLIFF PTY LIMITED	093 540 080

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	EXCAVATION	
Specified location	21//1082482	Whole Lot
Management zone (if applicable)		
Water source	TWEED-BRUNSWICK COASTAL SANDS GROUNDWATER SOURCE	
Water sharing plan	NORTH COAST COASTAL SANDS GROUNDWATER SOURCES 2016	

Work 2

Specified work	EXCAVATION	
Specified location	21//1082482	Whole Lot
Specified location	51//1268405	Whole Lot
Management zone (if applicable)		
Water source	TWEED-BRUNSWICK COASTAL SANDS GROUNDWATER SOURCE	
Water sharing plan	NORTH COAST COASTAL SANDS GROUNDWATER SOURCES 2016	

Work 3

Work identifier**Specified work**

BATTERY OF SPEARS

Diameter (specified) in millimeters

not specified

Specified location

51//1268405 Whole Lot

Management zone (if applicable)**Water source**

TWEED-BRUNSWICK COASTAL SANDS GROUNDWATER SOURCE

Water sharing plan

NORTH COAST COASTAL SANDS GROUNDWATER SOURCES 2016

Schedule 3 - Water Use

Subject to the conditions of this approval, the holder(s) of this approval is authorised to use water for the following purpose(s) and location(s):

Purpose 1

Specified purpose

INDUSTRIAL - SAND & GRAVEL

Specified location

21//1082482

Purpose 2

Specified purpose

IRRIGATION

Specified location

21//1082482
51//1268405

Schedule 4 - Conditions

The approval is subject to the following conditions:

Plan conditions

Water sharing plan

North Coast Coastal Sands Groundwater Sources 2016

Take of water

MW0655-00001

Any water supply work authorised by this approval must take water in compliance with the conditions of the access licence under which water is being taken.

Water management works

MW0487-00001

The water supply work authorised by this approval must be constructed within three (3) years from the date this approval is granted.

MW0097-00001

If contaminated water is found above the production aquifer during the construction of the water supply work authorised by this approval, the licensed driller must:

- A. notify the relevant licensor in writing within 48 hours of becoming aware of the contaminated water, and
- B. adhere to the Minimum Construction Requirements for Water Bores in Australia (2012), as amended or replaced from time to time.

Monitoring and recording

MW0482-00001

Where a water meter is installed on a water supply work authorised by this approval, the meter reading must be recorded in the logbook before taking water. This reading must be recorded every time water is to be taken.

MW0484-00001

Before water is taken through the water supply work authorised by this approval, confirmation must be recorded in the logbook that cease to take conditions do not apply and water may be taken.

The method of confirming that water may be taken, such as visual inspection, internet search, must also be recorded in the logbook.

If water may be taken, the:

- A. date, and
 - B. time of the confirmation, and
 - C. flow rate or water level at the reference point in the water source
- must be recorded in the logbook.

MW2336-00001

The purpose or purposes for which water is taken, as well as details of the type of crop, area cropped, and dates of planting and harvesting, must be recorded in the logbook each time water is taken.

MW2339-00001

A logbook must be kept, unless the work is metered and fitted with a data logger. The logbook must be produced for inspection when requested by the relevant licensor.

MW2338-00001

The completed logbook must be retained for five (5) years from the last date recorded in the logbook.

MW2337-00001

The following information must be recorded in the logbook for each period of time that water is taken:

- A. date, volume of water, start and end time when water was taken as well as the pump capacity per unit of time, and
- B. the access licence number under which the water is taken, and
- C. the approval number under which the water is taken, and
- D. the volume of water taken for domestic consumption and/or stock watering.

Reporting

MK0485-00001

Within sixty (60) days of completing construction of the water supply work authorised by this approval, the approval holder must provide a completed Form A for that work to the relevant licensor.

MW0051-00001

Once the approval holder becomes aware of a breach of any condition on this approval, the approval holder must notify the Minister as soon as practicable. The Minister must be notified by:

A. email: water.enquiries@dpi.nsw.gov.au,
or

B. telephone: 1800 353 104. Any notification by telephone must also be confirmed in writing within seven (7) business days of the telephone call.

MW3858-00001

A. When a water supply work authorised by this approval is no longer to be used permanently, the approval holder must:

- i. notify the relevant licensor in writing of their intention to decommission the work at least 90 days before the start of decommissioning, and
- ii. include a work plan for decommissioning in accordance with the Minimum Construction Requirements for Water Bores in Australia 2012, as amended or replaced from time to time, and
- iii. decommission the work in accordance with the submitted work plan unless the approval holder receives notice in writing from the Minister within 60 days of notifying the relevant licensor, requiring that the work is either not to be decommissioned or be decommissioned in accordance with requirements other than those set in the work plan.

B. Within 60 days of the work being decommissioned, the approval holder must notify the relevant licensor in writing:

- i. confirming that the work has been decommissioned, and
- ii. providing the name of the driller who decommissioned the work.

Other conditions

Water management works

- DS4771-00001** The works, authorised by this approval, must be operated in such a way that:
- A. the drawdown of the natural water levels from operation of the quarry does not result in acidification of the acid sulfate soils surrounding the Cudgen Lakes Sand Quarry,
 - B. by-products from any acid sulfate soils placed in the work do not escape into the groundwater systems surrounding the works, and
 - C. the quality of the groundwater near the site is not diminished.
- DS4773-00001** The silts and fines in the Southern dredge pond excavation must be:
- A. covered by at least 4.0 m of water at all times during the life of the quarry, and
 - B. enter the excavation at least 3 m below the water surface.
- DS4779-00001** The works authorised by this approval must not exceed a depth of:
- A. 20 m for the Southern dredge pond excavation, and
 - B. 5 m for the Northern excavation.
- DS4780-00001** The works, authorised by this approval, must be managed in accordance with the Acid Sulfate Soil Management Plan for the Cudgen Lakes Sand Quarry, as approved by WaterNSW. A copy of the project plan is held at the WaterNSW, Grafton Office.
- DS4770-00001** The Northern excavation or the Southern dredge pond excavation must not be altered or enlarged beyond the dimensions shown on Figure 2.4 of the approved project plan 05-0103, dated 16/6/2009. A copy of the project plan is held at the WaterNSW, Grafton Office.
- DS4772-00001** A. The Northern excavation must not be filled with silts and fines from the sand extraction operation. B. The Southern dredge pond excavation must not be filled with silts and fines from the sand extraction operation to a final depth that is higher than 8.0 m below 0.0 AHD.
- DS2349-00001** The approval holder must make all reasonable efforts not to allow any used water to discharge, by any means including surface or subsurface drains or pipes, into or onto:
- any adjoining public or crown road;
 - any other person's land;
 - any Crown land;
 - any river, creek or watercourse or aquifer.
- DK5243-00001** At all times, the silts and fines in the excavated work must be covered by at least 6.5 m of water.
- DK5212-00001** A buffer of 30 m must be maintained as a minimum from any crown lands.
- DK5689-00001** The licensed work must not be filled with silts and fines from the sand mining operation to a level higher than 6.5 m below 0 m AHD.

DK5316-00001

The approval holder must engage a qualified consultant to prepare a groundwater management report based on the data collected on a yearly basis and both a hard copy and digital copy forwarded to DPI Water hydrogeology section in Grafton. In the event that a groundwater mound is found to be forming beneath the work or groundwater around the work has been contaminated, the approval holder must inform DPI Water within 14 days of the event being ascertained.

DK5321-00001

The approval holder must ensure that any silts and fines are put into the licensed work enter the said work at least 3 m below the surface of any water in the said work.

DK0888-00001

Any water supply work authorised by this approval used for the purpose of conveying, diverting or storing water must be constructed or installed to allow free passage of floodwaters flowing into or from a river or lake.

Environmental matters

DS4790-00001

A. Before commencing construction of the water supply work(s) authorised by this approval, a security deposit of \$ 250000 must be provided to WaterNSW, Grafton Office, in the form of document SG1 attached to this approval.
B. The security deposit will be held by WaterNSW until:
i. the water supply work(s) has been satisfactorily completed and the work site that is the subject of this approval has been rehabilitated in accordance with plans held by WaterNSW, and
ii. a final report/certificate of compliance/statement of completion has been completed by a suitably qualified person and provided to WaterNSW, Grafton Office.

Monitoring and recording

DS4774-00001

Measurements of surface water and groundwater must be carried out in accordance with sections 6 and 7 of the report: 'Soil and Water Management Plan for the Cudgen Lakes Sand Quarry' dated April 2014, or as amended or replaced from time to time. A copy of the report is held in WaterNSW, Grafton Office.

DS4775-00001

A. Groundwater from the work authorised by this approval must be measured once every week for: pH, EC (electrical conductivity), DO (dissolved oxygen), Eh (redox potential) at 0.5 m below the surface level. i. If the pH falls below 5.0 then lime should be immediately added to the water in the excavation until the pH increases to approximately pH 7.
B. Groundwater must be measured once every three months for pH, EC, DO and Eh at 1 m vertical intervals from the surface level down to the base of the authorised works.
C. Calibration of the instrument must be carried out before measurements are taken on each date.
D. All measurements must be recorded, including dates, and copies of the instrument calibrations carried out must be provided to WaterNSW once a year together with the Annual Groundwater Management Report.

DS4778-00001

A. Monitoring of the works authorised by this approval must be carried out in accordance with the Soil and Water Management Plan for the Cudgen Lakes Sand Quarry dated April 2014, or as amended and replaced from time to time. B. If monitoring of the works identifies that: i. a groundwater mound is found to be forming beneath the work or ii. groundwater around the work has been contaminated, the approval holder must inform WaterNSW, Grafton Office, within 14 days of the event being ascertained.

DS4776-00001

A. Groundwater levels must be measured and recorded every month in the sand excavation and the monitoring bores. B. Groundwater flow contours (relative to AHD) must be determined monthly, based on the measurements taken, to show the groundwater flow directions on the site. C. All measurements and flow contours must be included in the Annual Groundwater Management Report.

Reporting

DS4777-00001

A. A qualified consultant must prepare a yearly Groundwater Management Report. B. A hard copy and electronic copy of the report must be forwarded to WaterNSW, Grafton Office, by 1st September each year.

Glossary

cease to take - Cease to take conditions means any condition on this approval, or on the access licence under which water is proposed to be taken, that prohibits the taking of water in a particular circumstance.

domestic consumption - Domestic consumption is the use of water for normal household purposes in domestic premises situated on the land.

form A - Form A is the form supplied to the approval holder by the driller at completion of the work. It includes details of location and construction of the bore, and quality of the bore water. All sections must be completed before the approval holder signs the form.

licensor - WaterNSW or DPI Water, depending on which organisation administers your licences and/or approvals

logbook - A logbook is a document, electronic or hard copy, that records specific required information.

metered water supply work - A metered water supply work is a water supply work fitted with a data logger and a water meter that complies with Australian Standard AS 4747: Meters for non-urban water supply.

oxygen - env. assessment procedures

stock watering - Stock watering is the use of water for stock animals being raised on the land. It does not include the use of water for the raising of stock animals on an intensive commercial basis (kept in feedlots or buildings for all, or a substantial part, of the period during which the stock animals are being raised).

water meter - A water meter is a device that measures the volume of water extracted over a known period of time. Examples of a water meter include a mechanical meter, electromagnetic meter, channel meter with mobile phone, or an authorised meter equivalent.

General Notes

All conditions on an approval require compliance. An appeal to the Land and Environment Court against a decision to impose certain conditions on an approval can be made within 28 days after the date the decision is made. Conditions identified with the first letter "D" are those that can be appealed during the appeal period.

The words in this approval have the same meaning as in the *Water Management Act 2000*

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

END OF STATEMENT