

Cudgen Lakes Sand Quarry Community Consultative Committee

Table of Contents

Page 2	Meeting 1	7 April 2017
Page 5	Meeting 2	20 November 2017
Page 8	Meeting 3	28 September 2018
Page 10	Meeting 4	18 November 2019
Page 15	Report 5	19 April 2020
Page 18	Report 6	10 December 2020
Page 23	Report 7	4 June 2021

Cudgen Lakes Sand Quarry
Community Consultative Committee Agenda

Meeting No: 1

Date: 07 April 2017

Time: 2:00pm

Venue: Kingscliff Waste Water Treatment Plant – Sustainable Living Centre Meeting Room

Attendees	
<p>Community Members: Felicia Cecil – community representative</p> <p>Council Members: Mark Longbottom – Tweed Shire Council – Environmental Health Officer</p>	<p>Independent Chair: John Griffin</p> <p>Gales-Kingscliff: Stephen Segal – Managing Director</p> <p>Neumann Contractors: Gareth Brown – Site Manager</p> <p>Note taker: Susan Slatyer – Neumann Contractors</p>
<p>Apologies: Barrie Green – community representative Ray Clark – Tweed Shire Council – Traffic Engineer Denise Galle – Tweed Shire Council – Team Leader Development Assessment</p>	

Item	Description	Action/Responsibility
1	Welcome by Independent Chair	
2	Apologies <i>As above</i>	
3	Declaration of pecuniary or other interests <i>No pecuniary or other interests declared.</i>	
4	Introductions by CCC members	
5	Role of the CCC	
6	<ul style="list-style-type: none"> • Project outline <i>Project Timeframe: project expected to start in April 2017. There would be 4-6 weeks of site preparation; 10-13 weeks of sand extraction; and 4 weeks site finalisation and rehabilitation.</i> <p><i>Documents used for the basis and guidelines and cover under the Department of Planning and Environment. The community and Council representation is to use these Guidelines as a basis for consideration. This project has had approval from the Department of Environment and Planning and amendments can sought if there are any issues.</i></p>	

Project Guidelines: Both parties are making sure that the project is compliant with the relevant benchmarks. The stages of the project will entail stripping and preparation; dredge assembly; and dredge operation for pumping of sand. The Fill Site is not part of this project. At this stage it is unsure if the dredge will stay on site after this stage of extraction.

The original Approval was for a 3.7 hectare sand processing area with sand export by truck and acoustic and dust monitoring. The current approval has been scaled back and is now a 1 hectare temporary processing area with pumping sand and no initial export of sand by truck. Altona Drive is being assessed to eventually be relocated 30-50 metres further north than approved. No trucking in or out of the site until Tweed Coast Road intersection has been upgraded. Relocating Altona Drive further north means that not all land that was approved to its north will be excavated and the land can be filled to the approved level and final uses, whether sports field/park, or industrial, earlier than anticipated.

- **Details of Project**

Gareth Brown explained and showed aerial photos of: the bunding work that Neumann Contractors performed last year; the planned dredging area; and the dredge assembly area for the dredge weighing 220 tonnes and 35 metres in length;

the plant on site will be dozers to strip topsoil and sand required to be able to bring the dredge in and to construct a weather proof area for trucks;

no street or traffic impact except for a fuel truck to supply the plant as there will be two pipes under the street level to pump the sand through to the Fill Site;

the lake will be 10 metres deep when finished and cattle will still be able to graze while the dredge is on site;

300,000m³ of sand to be extracted at this stage and maybe a small sand processing site at some future stage;

ML asked about the sand for filling land – SS replied that the Fill Site is on a separate consent;

Stage Two – there will be no material in or out by truck as all slurry will be pumped so no dust or traffic management needed;

ML commented that the State Government has a strong compliance regime – SS and GB were both confident that the DA has been enacted properly before commencement.

Professionals have prepared the documents and there is independence between Gales-Kingscliff and Neumann Contractors;

	<p><i>FC asked about the bore testing – there are 14-17 existing bores that will be checked and tested based on a strict timetable.</i></p> <ul style="list-style-type: none"> <p>• Dredging Operations <i>After the initial dredging stage the quarry will be dormant; the dredge might stay in the water on site for 18-24 months; soil and water testing will continue during this time; there will be no visual issues and Neumann Contractors to ensure there will be no environmental damage.</i></p> <p>• Environment <i>the EPA has been involved in approving the Fill Site with pumping of tailwater back to the pond and there will be no water discharged from site; the only water is in the existing pond; significant rain events have been taken into account; no acid sulphate soil and the actual acidity in the top soil to be tested and limed; Neumann Contractors have environmental approval documents and Gareth Brown will be responsible.</i></p> <p>• Community <i>FC commented that the Cudgen community has not been fully informed and there is a need to set up a community meeting; SS said the concerns were mainly with the Cudgen fill site, and Intrapac should organise to discuss with the community their concerns particularly in light of the recent flood issues; SS said he wanted to also share with the community the project outlines as well as the bigger picture of the project including revegetation alternatives and a major recreational and community use focus for the area. JG said that a Community Meeting to inform people at Cudgen Chinderah and Kingscliff would be a good idea.</i></p> 	
7	<p>Site Tour <i>Due to the recent weather conditions the site tour was postponed.</i></p>	
8	<p>Next meeting <i>No date set for next meeting of committee. However, Community Meeting for Cudgen, Kingscliff and Chinderah communities to be set. Meeting closed at 2.55pm</i></p>	<p>SS and FC to organise a community meeting for the Cudgen, Kingscliff and Chinderah communities.</p>

Cudgen Lakes Sand Quarry
Community Consultative Committee Agenda

Meeting No: 2

Date: 20 November 2017

Time: 2:00pm

Venue: Kingscliff Waste Water Treatment Plant – Sustainable Living Centre Meeting Room

Attendees	
<p>Community Members: (see note below) Felicia Cecil – Community Representative Barrie Green - Community Representative</p> <p>Council Members: Denise Galle – Tweed Shire Council – Team Leader Development Assessment</p> <p>NSW Planning & Environment Stewart McLachlan - Compliance DP&E Genevieve Seed – Resource Assessment DP&E</p>	<p>Independent Chair: John Griffin</p> <p>Gales-Kingscliff: Stephen Segal – Managing Director</p> <p>Neumann Contractors: Gareth Brown – Site Manager</p> <p>Note Taker: Susan Slatyer – Neumann Contractors</p>
<p>Note: Marion Gardner attended by invitation as a representative of the Cudgen area even though she is not a formal member of the CCC. It is noted that the Cudgen Association has ceased to exist.</p> <p>Apologies: Mark Longbottom – Tweed Shire Council –Environmental Health Officer Ray Clark – Tweed Shire Council – Traffic Engineer</p>	

Item	Description	Action/Responsibility
1	Welcome by Independent Chair	
2	Apologies Mark Longbottom – Tweed Shire Council –Environmental Health Officer Ray Clark – Tweed Shire Council – Traffic Engineer	
3	Declaration of pecuniary or other interests No pecuniary or other interests declared	
4	Acceptance of Minutes from 7 April 2017 Meeting	
5	<p>Actions arising from the last meeting</p> <p>Item 7- Site tour - weather permitting, a site tour will be conducted at this meeting</p> <p>Item 8 - Community meeting for the Cudgen, Kingscliff and Chinderah communities (see below under 'Community')</p> <p>Other - Compliance presentation - Stewart McLachlan, Senior Compliance Officer Department of Planning & Environment requested that the Department present a short presentation on what compliance does at the community meeting. Stewart was invited to CCC held on 12 October 2017 but could not attend due to the short notice. An invitation was extended to this and future community meetings.</p>	

6

6.1 Current Project Timeline

At the 7 April 2017 meeting the projected Project Timeframe was as follows: project expected to start in April 2017; 4-6 weeks of site preparation; 10-13 weeks of sand extraction; and 4 weeks site finalisation and rehabilitation. Flooding delayed commencement.

Works completed: Dredging commenced 30 October 2017. To date 50-60,000m³ have been pumped to the fill site.

Works projection: The first stage of the Cudgen Lakes Sand Quarry project is expected to be completed mid-late January 2018. The total amount to be pumped to the Cudgen Heights fill site is approximately 276,000m³.

6.2. Monitoring Issues

To date the lowering of the water table has been minimal and there have been no effects on ground water. Spears have also been set up to ensure that the water level does not drop below the approved level. These spears pull water from within the approved site to the Quarries Lake. However, due to the amount of recent rainfall they have not been needed to the degree initially thought.

Additionally, an acoustic assessment has been performed on site and there were no noise issues.

6.3 Environment

As per the DA, during the first 2 weeks of extraction surface water monitoring was undertaken daily and then performed weekly (at 5 different positions). Over this time the pH results have all been within acceptable limits and no acid sulphate issues have been identified.

The quarry's lake water is contained by external bunds ensuring there is no discharge of water from the site.

Officers from the NSW Department of Planning & Environment have paid the Cudgen quarry an unannounced visit, with no issues being identified.

6.4 Community

It was noted that concerns were related to the fill site and possible future flooding, and were not related to the sand quarry site.

Before work commenced on the fill site there was an initial letter drop on John Rob Way as Cudgen Residents Associated had disbanded. It was later found that this was not a wide enough distribution as residents further into the Cudgen Estate were not made aware of the works.

28 August 2017 - Information Flyer distributed by Neumann Contractors to Cudgen residents directly adjoining Cudgen Lakes site.

12 October 2017 - Cudgen community meeting by Gareth Brown of Neumann Contractors and Bill Noble of Intrapac Properties. Prior to this meeting an Information Flyer was letter dropped to all Cudgen. About 20 residents attended. The main concern was about flooding. It was mentioned that the flood models have been done however it seemed that the residents were not reassured by this. There were also concerns regarding dust during the early part of the site preparation. Council advised that two dust enquiries were received during the early stages and that the residents were going to refer to the NSW DPE compliance unit. Residents also asked about the final design and height of the Estate

	<p>and future works/development. The meetings was deemed successful with people having asked questions and voiced concerns, and Bill and Gareth responding.</p> <p>Denise informed the CCC that Council had enquiries from the community about concerns about flooding, and Council tried to give reassurance, that the Council stood behind the extensive flood modelling performed. The residential flood levels are only expected to rise 1-3cm and the rural flood levels by 10cm which is in acceptable limits. The flood levels in early April behaved as the flood modelling suggested, supporting the accuracy of the flood model.</p> <p>Marion Gardner mentioned the loud noise, dust and disruption from the new development immediately next to the school, on the western site of Crescent Street. It was noted that this is the 40 lot subbidvison on Julius land directly adjacent to the school, and is not connected with either the Cudgen Lakes quarry or Cudgen Heights fill site.</p> <p>Stephen Segal also held an open day for local residents (Cudgen and Noble Park) onsite on Gales land east of Tweed Coast Road. Discussion at this meeting overlapped between the quarry and fill sites and other development activities in the area.</p> <p>It was suggested that at the next meeting SS use a microphone as it was difficult to hear him over the traffic noise.</p> <p>6.5 Complaints</p> <p>No noise or any other complaints besides those discussed above regarding the quarry site. Mr Shipman from Cudgen contacted Stephen and it was processed as a complaint, but Mr Shipman clarified that it was an inquiry rather than a complaint, and his concern was the fill site.</p> <p>6.6 Other</p> <p>No other issues were raised</p>	<p>Denise said the Council will discuss and inform local residents of the history and development consent of the site.</p>
<p>7</p>	<p>Site Tour</p> <p>After the meeting closed all attendees participated in a tour of the Cudgen Lakes Sand Quarry.</p> <p>Gareth provided an explanation of the project and answered questions. During the site inspection Stewart discussed with Gareth depth and changing the placement of the fines return. Gareth also commented on the stable pH of 7.5 in testing.</p> <p>Stephen pointed out the tubestock planting on the bunds around the temporary processing area, and mentioned the planting on Tweed Coast Road seemed to be going well, but along Crescent street they seemed to be struggling.</p>	
<p>8</p>	<p>Next meeting and Action Items</p> <p>No date was set for the next meeting of the committee. John noted that the pumping was expected to be finished in January.</p> <p>Meeting closed at 3.30pm.</p>	<p>Stephen to call next meeting to suit the project.</p>

Cudgen Lakes Sand Quarry

Community Consultative Committee Agenda and Minutes

Meeting No: 3

Date: Friday 28 September 2018 **Time:** 11:00am

Previous Meetings: 7 April 2017, 20 November 2017

Venue: Kingscliff Waste Water Treatment Plant – Sustainable Living Centre Meeting Room

Attendees	
<p>Community Members: Felicia Cecil – community representative Barry Green – community representative</p> <p>Council Members: Ray Clark – Tweed Shire Council – Traffic Engineer</p>	<p>Independent Chair: John Griffin</p> <p>Gales-Kingscliff: Stephen Segal – Managing Director</p> <p>Note taker: Carol Segal</p>
<p>Apologies: Marion Gardner – Cudgen community representative Mark Longbottom – Tweed Shire Council – Environmental Health Officer Denise Galle – Tweed Shire Council – Team Leader Development Assessment</p>	

Item	Description	Action/Responsibility
	Welcome by Independent Chair	
	Apologies	
	Declaration of pecuniary or other interests	
	<p>Actions arising from the last meeting</p> <ul style="list-style-type: none"> • Genevieve Seed (DOP Resource Assessments) / DOP was extended an invitation, as noted in the previous CCC meeting, but were not be able to attend, and asked to be informed of future meetings. 	
	<p>Summary of Cudgen Lakes project to date</p> <p>Site preparation – 27 June 2017 to October 2017:</p> <ul style="list-style-type: none"> • 6 weeks of site preparation including widening site access and extension of culvert, , instillation of pipe culvert crossing to Crescent Street, construction of Initial Processing Area pad and bunding, bunding around initial extraction area and stripping of top soil, installation of spear points for ‘internal’ transfer of water during dredging, construction of internal access road and dredge launch area, assembly and launch of dredge and assembly of hydraulic pipelines. <p>Dredging – 30 October 2017 to 8 February 2018:</p> <ul style="list-style-type: none"> • Dredging and return of tailwater to extraction site, dewatering system/spearpoint extraction system. • Estimate of sand to be pumped to Cudgen Heights was 276,000m3. 	<p>Stephen noted that prior to site preparation, a spear pump trial had been undertaken, which was the basis for the spear pumps used during the pumping period, and groundwater levels had remained within approved bounds.</p> <p>Plantings were done along the bund around the processing area, and along Crescent Street and Tweed Coast Road.</p>

	<ul style="list-style-type: none"> Total of 376,887m³ of sand pumped to the Cudgen Heights site, of which at least 24 692m³ silt that was returned to the pond resulting in a net removal of up to 352 195m³ of sand. Silts still settling, final survey will be carrying out in the next reporting period. (estimate 6-10% silt/fines) 	<p>Most pipes have been removed, and the dredge and booster pump have remained on site until next required.</p>
	<p>Reporting Obligations</p> <ul style="list-style-type: none"> Annual Review 1 July 2017 – 30 June 2018 submitted to DOP August 2018, includes details on monitoring of surface water, groundwater, air, dust, noise monitoring. 	<p>Some technical non-compliances such as not monitoring for dust after quarrying operations had stopped were recorded in the Annual Review.</p>
	<p>Community Complaints</p> <ul style="list-style-type: none"> No complaints received during the reporting period and no complaints have received in previous reporting periods in relation to Cudgen Lakes. One enquiry was received on 11 September 2017 in relation to noise / activities at the Cudgen Heights fill site (not the quarry site). This was recorded in the Quarry complaints system for recording purposes but was not a formal complaint nor relating to Quarry activities. 	
	<p>Planning considerations for Cudgen Lakes area</p> <ul style="list-style-type: none"> Update on flood studies currently being undertaken. Considerations for relocated Altona Road. Hanson Quarry approval. 	<p>Initial flood modelling has found that raising Altona Road could reduce flood impact on residential areas of West Kingscliff, including north of the Highway. Kingscliff Locality Plan and Turnock extension tie in with Altona Road, would be good if Hanson able to truck west and remove industrial traffic from Altona and Tweed Coast Road. Felicia said after 2017 flood, residents apprehensive about floods and increased filling of the flood plain, concerns about BOM.</p>
	<p>Gales Modification 2 (MOD2) and MOD3</p> <ul style="list-style-type: none"> Modification applications submitted 11 January 2018 (MOD2) and 9 March 2018 (MOD3). 14 September 2018 Gales submitted Response to Submissions to DOP. 	<p>MOD2 will allow a larger lake with less surface disturbance, final development north of the lake. Gales is seeking 10 trucks per day on existing roads, in order to establish markets.</p>
	<p>Next meeting and Action Items</p>	<p>John said that since the quarry was inactive, Stephen should advise when activities indicated the next CCC should be called.</p>

Cudgen Lakes Sand Quarry
Community Consultative Committee

November 2019 Status Report to CCC ('Report')

Report in lieu of Meeting No: 4

Previous Meetings: 7 April 2017, 20 November 2017, 28 September 2018

Date of Report: 18 November 2019

Note: This Report has been distributed instead of holding a CCC Meeting as no operations occurred during 2019

Distribution List	
<p>Community Members: Felicia Cecil – community representative Barry Green – community representative</p> <p>Council Members: Ray Clark – Tweed Shire Council – Traffic Engineer Denise Galle – Tweed Shire Council – Team Leader Development Assessment Mark Longbottom – Tweed Shire Council – Environmental Health Officer</p>	<p>Independent Chair: John Griffin</p> <p>Gales-Kingscliff: Stephen Segal – Managing Director</p> <p>Scott Hollamby RW Corkery & Co Environmental Consultants</p> <p>Gareth Brown Neumann Contractors</p>

Item	Description
	<p>Reason for this CCC Report</p> <ul style="list-style-type: none"> • As authorised by the Chair Mr John Griffin, this Report has been distributed to the Cudgen Lakes CCC Members instead of hosting a CCC Meeting as no operations occurred during 2019.
	<p>Actions arising from the last meeting</p> <ul style="list-style-type: none"> • It was noted at the meeting on 28 September 2018 that since the quarry was inactive, the next CCC should be delayed and Gales-Kingscliff should notify the Chair when activities are planned to be restarted. • Gales-Kingscliff notified the Chair that no operations occurred during 2019. • Activities may recommence in 2020 as detailed in this Report, in which case a CCC meeting will be convened in 2020.
	<p>Summary of Cudgen Lakes project to date, including September-December 2019 removal of dredge</p> <p>Site preparation – 27 June 2017 to October 2017:</p> <ul style="list-style-type: none"> • 6 weeks of site preparation including access, culverts, construction of Initial Processing Area, bunding extraction site, stripping top soil, spear points, launch of dredge, and hydraulic pipelines.

Dredging – 30 October 2017 to 8 February 2018:

- Dredging to fill the adjoining residential development 'Kingscoast' and return of tailwater to the extraction site.
- A total of 376,887m³ of sand was pumped to the 'Kingscoast' site, including 24 692m³ of silt that was returned to the pond resulting in a net removal of up to 352,195m³ of sand.

Ongoing Monitoring - February 2018 to November 2019:

- Monitoring was conducted throughout this period in accordance with Management Plans.

Partial removal of dredge - September 2019 to November 2019:

- During the week commencing 26 September 2019 the dredge was pulled from the water with electric winches and excavators onto the launch ramp that was constructed during the Stage 1 works in July 2017.
- Two cranes were used to dis-assemble the dredge on the ramp.
- Four key components (4 x truck loads) of the dredge being the centre pontoon, 2 wing pontoons and the cabin were transported to Neumann's facility in Currumbin for modifications for another (non-Gales) project.

Final removal of dredge – Week commencing 2 December 2019:

- The remaining components of the dredge on Gales site will be removed by two cranes and transported off site in approximately 9 truck loads in early December 2019.

Reporting Obligations

- The Annual Review 1 July 2018 – 30 June 2019 was submitted to DOP on 30 September 2019 and includes details on monitoring of surface water, groundwater, air, dust and noise.
- The Annual Review can be found on www.galeskingscliff.com.au
- Main points from Annual Review:
 - MOD2 was approved on 22 January 2019 (see details below);
 - Following the MOD2 approval, Management Plans were updated and those approved can be found at www.galeskingscliff.com.au. The SWMP and RMP are still awaiting final comments from DoI – Water and will be placed on the Gales website once approved;
 - Four non-compliances were recorded during the reporting period relating to the implementation of the Air Quality and Soil and Water Management Plans, all ranked a 'low' risk level - further details are in the Annual Review Section 11 pages 53-55.

Activities planned during the next reporting period i.e. in 2020

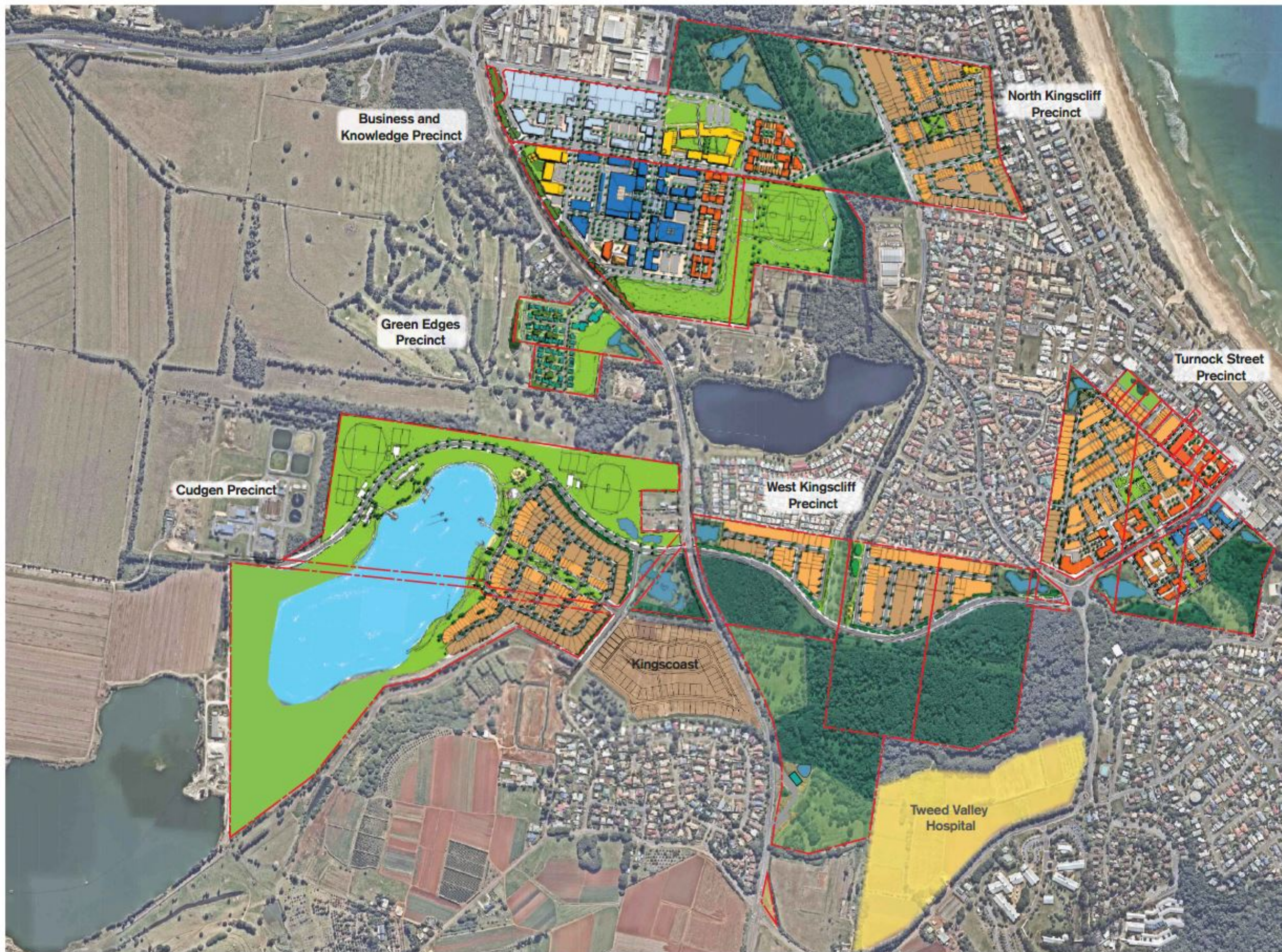
- In 2020 extraction may occur either by dredge or excavator and haul truck for the production of saleable products. These products would be transported via road.
- Continued environmental monitoring.
- Key environmental improvements planned during the next reporting period include the implementation of the updated management plans following their formal approval.

Independent Environmental Audit

- An Independent Environmental Audit is required within the first 2 years of commencement of quarrying operations (Schedule 5 Condition 14 of PA 05_0103).
- Following approval from the DOP, the Independent Environmental Audit will be undertaken in November 2019 and the report will be issued in late January 2020.

	<p>Community Complaints</p> <ul style="list-style-type: none"> No complaints were received during the reporting period.
	<p>Planning considerations for Cudgen Lakes area</p> <ul style="list-style-type: none"> Flood studies by Venant Solutions are near completion and will be included as part of Gales Planning Proposal, which is expected to be submitted to Council by end 2019 / beginning 2020. The draft Masterplan for Gales landholdings, which shows the ultimate plans for Cudgen Lakes as well as all Gales landholdings, is attached as Attachment 1 to this Report.
	<p>Gales Modification 2 (MOD2 which incorporates MOD3) – Approval and Conditions</p> <ul style="list-style-type: none"> Modification applications were submitted to the DOP on 11 January 2018 (MOD2) and 9 March 2018 (MOD3). MOD2 sought to: <ul style="list-style-type: none"> (i) change the extraction area (reducing the area of impact) by not extracting north of the relocated Altona Drive as originally approved and not requiring the 3.7ha processing area; (ii) making the temporary processing area already constructed into the permanent progressing area; (iii) increasing the final size of the lake (consolidation of the Northern and Southern Extraction Areas into a single lake); and (iv) increasing of the final lake batters to 1:3 (V:H). MOD3 sought to: <ul style="list-style-type: none"> (i) Export 10 trucks per day without requiring intersection upgrades. Gales MOD2 was approved on 22 January 2019. MOD3 requests were incorporated into the approval of MOD2. Of relevance to the possibility for Gales to export sand linked to intersection upgrades, the approval states: <p>Schedule 2 (clause 11) / Schedule 3 (clauses 27-29):</p> <p>11. Prior to the upgrade of Altona Road and the Tweed Coast Road / Crescent Street intersection, as required under conditions 27 and 29 of Schedule 3, the Proponent may dispatch up to:</p> <ul style="list-style-type: none"> (a) 4 laden trucks per hour; and (b) 10 laden trucks per day; between the hours of 9.00 am and 3.00 pm.

	<p>Upgrade and Maintenance of Altona Road</p> <p>27. The Proponent must upgrade Altona Road between the site entrance and intersection with Crescent Street. This upgrade must:</p> <ol style="list-style-type: none"> include two additional passing bays along the current alignment of Altona Road, each having sufficient length to readily accommodate a laden truck and dog trailer combination, to the satisfaction of the Council; and be funded by the Proponent, or by a cost sharing agreement between the Proponent and the owner of the Tweed Sand Quarry, in consultation with Council. <p>28. By 20 August 2019, the Proponent must enter into a cost sharing agreement with the owner of the Tweed Sand Quarry, in consultation with Council, for the maintenance of Altona Road between the site entrance and intersection with Crescent Street. This agreement must:</p> <ol style="list-style-type: none"> provide for ongoing repairs and maintenance of the road; apply to the existing or any future approved alignment of Altona Road; and provide for proportionate and equitable contributions between the Proponent and the owner of the Tweed Sand Quarry (based on actual annual product road transport or other measure/s agreed by the parties). <p>If a cost sharing agreement cannot be reached or if there is any dispute regarding the finalisation of the terms of the cost sharing agreement, or its implementation, then either party may refer the matter to the Secretary for resolution.</p> <p>Upgrade of the Crescent Street and Tweed Coast Road Intersection</p> <p>29. The Proponent must upgrade the intersection of Crescent Street and Tweed Coast Road. This upgrade must:</p> <ol style="list-style-type: none"> provide for the construction of an acceleration lane of not less than 200 metres in length on Tweed Coast Road, northbound from the intersection, to the satisfaction of Council (as roads authority); provide for channelised right turn treatment (line marking only) on Tweed Coast Road for vehicles turning right into Crescent Street; be designed and constructed in accordance with Austroads Guidelines, Australian Standards and RMS Supplements; and be funded by the Proponent, or by a cost sharing agreement between the Proponent and the owner of the Tweed Sand Quarry, in consultation with Council; <p>If a cost sharing agreement cannot be reached or if there is any dispute regarding the finalisation of the terms of the cost sharing agreement, or its implementation, then either party may refer the matter to the Secretary for resolution.</p> <ul style="list-style-type: none"> The next section details the status of the draft agreements with adjoining quarry operator Hanson as per the conditions extracted above.
	<p>Draft Agreement with Hanson for Altona Road upgrades and maintenance</p> <ul style="list-style-type: none"> On 25 September 2019 Hanson submitted draft agreements between Hanson and Gales to the DOP which cover the requirements in Schedule 3 Clauses 27, 28 and 29. There are a number of issues which were not resolved between Hanson and Gales, which have been left to the discretion of the Secretary to resolve. As of the date of this Report the Secretary has not provided its response. Pending outcomes of these agreements being finalised, upgrades and maintenance works may be undertaken by Hanson subsequent to this reporting period. If required works are completed then export by road will be allowed in accordance with maximum allowable transport conditions.
	<p>Next meeting</p> <ul style="list-style-type: none"> In the case that operations are re-commenced in 2020 a CCC Meeting will be held, otherwise CCC members will be updated by a further Report in 2020 if the Chair considers this appropriate.



Legend

- Gales-Kingscliff & Gales Holdings Controlled Land

Development Footprint

- Apartments
- Medium Density Residential
- Low Density Residential
- Rural Landscape
- Tourism
- Business Park
- Mixed Use
- Special Uses (Education & Community)
- Stormwater Management & Water Quality Treatment
- Recreational Open Space & Lake

External to Development Footprint

- Retained Parkland
- Conservation Area

Gales Controlled Land	214 ha
Development Footprint	167 ha
Building and Road Area	87 ha
Recreational Open Space (Incl. Recreational Lake)	68 ha
Stormwater Management & Water Quality Treatment	12 ha
External to Development Footprint	47 ha
Retained Parkland	9 ha
Conservation Area	38 ha
Total Open Space (60%)	127 ha
Total Built Area (40%)	87 ha

Cudgen Lakes Sand Quarry

Community Consultative Committee

April 2020 Status Report to CCC ('Report')

Report in lieu of Meeting No: 5

Previous Meetings: 7 April 2017, 20 November 2017, 28 September 2018

Previous Reports: 18 November 2019 (in lieu of meeting as no operations occurred on site in 2019)

Note: The meeting scheduled for Friday 3 April 2020 at 12pm was cancelled due to the Coronavirus. This Report has been distributed to CCC members instead of holding a CCC Meeting.

Distribution List	
<p>Community Members: Felicia Cecil – community representative Barry Green – community representative</p> <p>Council Members: Ray Clark – Tweed Shire Council – Traffic Engineer Denise Galle – Tweed Shire Council – Team Leader Development Assessment Mark Longbottom – Tweed Shire Council – Environmental Health Officer</p> <p>DPIE Compliance: Shelley McPhee – Team Leader Compliance – Far North Region (Murwillumbah)</p>	<p>Independent Chair: John Griffin</p> <p>Gales-Kingscliff: Stephen Segal – Managing Director</p> <p>JBM Developments: Quarry Operator Jeff Holloway – Quarry Manager Brad Holloway – Operations Manager & Sales</p> <p>RW Corkery & Co Environmental Consultants: Scott Hollamby</p>

Item	Description
	<p>Reason for this CCC Report</p> <ul style="list-style-type: none">• Following scheduling the CCC meeting for Friday 3 April 2020 the Chair Mr John Griffin suggested to Gales that due to the Coronavirus the meeting be cancelled and a Report be issued to CCC members.• This Report has been distributed to the CCC Members instead of hosting a CCC meeting to update members about the re-commencement of operations and to provide the opportunity for feedback and for Gales to answer any questions.
	<p>Actions arising from the last meeting</p> <ul style="list-style-type: none">• This Report (in lieu of a meeting) has been issued as operations have re-commenced in the week of 13 April 2020.
	<p>Summary of Cudgen Lakes project to date (post March 2020)</p> <ul style="list-style-type: none">• JBM Developments Pty Ltd Quarry Operators of the Cudgen Lakes Sand Quarry.• Jeff Holloway appointed Quarry Manager in March 2020, Brad Holloway Operations Manager.

	<ul style="list-style-type: none"> • Safety Management System implemented in March 2020 in coordination with Angus McDouall, Inspector of Mines – Resource Regulator. • JBM Developments Pty Ltd is carrying out the April 2020 Kingscliff Sands Campaign which comprises: <ul style="list-style-type: none"> ○ Establishment of the Kingscliff Sands site in accordance with the Project Approval and Management Plan so that sand washing operations and export by truck can commence; ○ Limited campaign to excavate raw sand from existing resource on site (ie no dredging will occur) and create a stockpile to supply samples for assessment by interested parties. • The following works have been carried out in order to commence operations in April 2020, this is not a complete list but comprises some of the main items: <ul style="list-style-type: none"> ○ Aboriginal Cultural Heritage induction and training undertaken ○ Site office and ancillary facilities set up ○ Onsite parking defined and signage installed ○ Acid sulfate soil testing carried out ○ Earth bunding and spillways constructed ○ Monitoring procedures in place for surface water quality, water levels, ground water. ○ Acoustic monitoring during site operation • Drainage problems <ul style="list-style-type: none"> ○ The site has been wetter than expected and not draining as well as previously. Partial block to drainage downstream is expected to be the cause and Gales-Kingscliff has been communicating with Council about this. This does not impair operation of the quarry, but does degrade the pasture and conditions for grazing especially north of Altona Road.
	<p>Independent Environmental Audit</p> <ul style="list-style-type: none"> • In November 2019 Aquas Pty Ltd undertook an Independent Environmental Audit as required by the Project Approval (Schedule 5 Condition 14 of PA 05_0103 – to be undertaken within the first 2 years of commencement of quarrying operations). • The Independent Environmental Audit Report was issued to the Department on 2 March 2020. • The Report listed 5 Non-compliances and 4 Opportunities for Improvement which were addressed in the Gales-Kingscliff Response and Action Plan to the Environmental Audit.
	<p>Summary of Cudgen Lakes project to date (activities prior to March 2020)</p> <p>Site preparation – 27 June 2017 to October 2017:</p> <ul style="list-style-type: none"> • 6 weeks of site preparation including access, culverts, construction of Initial Processing Area, bunding extraction site, stripping top soil, spear points, launch of dredge, and hydraulic pipelines. <p>Dredging – 30 October 2017 to 8 February 2018:</p> <ul style="list-style-type: none"> • Dredging to fill the adjoining residential development ‘Kingscoast’ and return of tailwater to the extraction site. • A total of 376,887m³ of sand was pumped to the ‘Kingscoast’ site, including 24 692m³ of silt that was returned to the pond resulting in a net removal of up to 352,195m³ of sand. <p>Ongoing Monitoring - February 2018 to November 2019:</p> <ul style="list-style-type: none"> • Monitoring was conducted throughout this period in accordance with Management Plans.

	<p>Partial removal of dredge - September 2019 to November 2019:</p> <ul style="list-style-type: none"> • At the end of September 2019 the dredge was pulled from the water with electric winches and excavators onto the launch ramp that was constructed during the Stage 1 works in July 2017 and two cranes were used to dis-assemble the dredge on the ramp. • Four key components (4 x truck loads) of the dredge being the centre pontoon, 2 wing pontoons and the cabin were transported to Neumann’s facility in Currumbin for modifications for another (non-Gales) project. <p>Final removal of dredge – December 2019:</p> <ul style="list-style-type: none"> • The remaining components of the dredge on Gales site were removed by two cranes and transported off site in 9 truck loads in early December 2019.
	<p>Community Complaints</p> <ul style="list-style-type: none"> • No complaints have been received.
	<p>Planning considerations for Cudgen Lakes area (updated from 18 November 2019 CCC Report)</p> <ul style="list-style-type: none"> • Flood studies by Venant Solutions are in progress and will be included as part of Gales Planning Proposal, which is expected to be submitted to Council in mid-2020. • The draft Masterplan for Gales landholdings (which was attached to the 18 November 2019 Report) is currently being updated - there have been no changes to the Cudgen Lakes area.
	<p>Draft Agreement with Hanson for Altona Road upgrades and maintenance</p> <ul style="list-style-type: none"> • On 25 September 2019 Hanson submitted draft agreements between Hanson and Gales to the DOP which cover the requirements in Schedule 3 Clauses 27, 28 and 29 (as detailed in the CCC November 2019 Report) regarding upgrading and maintaining Altona Road. • While the Agreements have not been finalised and are still waiting for the determination of the Secretary as to outstanding items, Hanson has completed the required upgrade and maintenance works. • The upgrades will allow Hanson and Gales to export sand in accordance with maximum allowable transport conditions once final sign off is received from the Department and Council.
	<p>Next meeting and questions</p> <ul style="list-style-type: none"> • A CCC meeting will be scheduled in the third or fourth quarter of 2020. • If any CCC members have any questions concerning the Cudgen Lakes Sand Extraction Project please email us directly and we will collate questions and responses, if any, and send to all CCC members: sdsegal@gmail.com; peledlisa@gmail.com

Cudgen Lakes Sand Quarry

Community Consultative Committee

December 2020 Status Report to CCC ('Report')

Report in lieu of Meeting No: 6

Previous Meetings: 7 April 2017, 20 November 2017, 28 September 2018

Previous Reports: 18 November 2020 (report in lieu of meeting as no operations occurred on site in 2019), 19 April 2020 (report in lieu of meeting scheduled for 3 April 2020 which was cancelled due to Covid-19 restrictions)

Note: This Report has been distributed instead of holding a CCC Meeting due to Covid-19 restrictions as agreed with the Chair

Distribution List	
<p>Community Members: Felicia Cecil – community representative Barry Green – community representative</p> <p>Council Members: Denise Galle – Tweed Shire Council – Manager Building & Environmental Health Ray Clark – Tweed Shire Council – Traffic Engineer</p> <p>DPIE Compliance: Shelley McPhee – Team Leader Compliance – Far North Region (Murwillumbah) Angie Hollister - Senior Compliance Officer – Far North Region</p>	<p>Independent Chair: John Griffin</p> <p>Gales-Kingscliff / Kingscliff Sands: Stephen Segal – Managing Director</p> <p>Kingscliff Sands – Quarry Operator: Brad Holloway – Nominated Quarry Manager & Operations Manager Jeff Holloway – Quarry Manager</p> <p>RW Corkery & Co Environmental Consultants: Scott Hollamby</p>

Item	Description
	<p>Reason for this CCC Report</p> <ul style="list-style-type: none">As advised in the April 2020 Status Report to CCC, a CCC meeting was to be scheduled in the third or fourth quarter of 2020.Chair Mr John Griffin has authorised this Report to be distributed to the Cudgen Lakes CCC Members instead of hosting a CCC Meeting due to Covid-19 restrictions.This Report has been distributed to the CCC Members to update members about the re-commencement of operations and planning in the Cudgen Lakes Sand Quarry area and to provide the opportunity for feedback and for Gales to answer any questions.
	<p>Actions arising from the last meeting</p> <ul style="list-style-type: none">As notified in the April Report, this Report has been issued as operations re-commenced in April 2020.

Summary of Cudgen Lakes project (May-November 2020)

- The works undertaken in April 2020 are detailed below ([extracted from April 2020 Report in blue](#)).
- Works undertaken in May-November 2020 include (details extracted from Annual Review, see below):

Site establishment and construction activities:

- demountable site office re-established in the southwestern corner of the processing area.
- perimeter bunding for the extraction area extended to tie into the processing pad (1.8m AHD) establishing a water containment zone between the processing area and existing extraction pond.
- acid sulfate soil testing undertaken as part of these activities.
- site signage and traffic management / directional barriers installed.
- initial silt-return pond and sluicing channel excavated between existing extraction pond and processing area in preparation for dredging campaign.
- Altona road upgrade works were completed by Hanson Construction Materials (see below).

Extraction, processing and sale of product:

- extraction operations recommenced to enable processing operations and road transportation of quarry products commenced for the first time.
- mobile screening plant utilising water to wash material over the screens was used - the wet screening processes was used to separate coarse material (principally vegetative matter, rocks and shells) from loamy sand in order to produce a general use sand and a 'top dressing' product. Fines were retained within the product which was subsequently tested for acid sulfate potential prior to sale.
- soil material was extracted from previously limed stockpiles and did not require further testing or processing.
- Sale of fill sand, washed sand and sand-soil products.

Summary of Cudgen Lakes project (to April 2020)

- [JBM Developments Pty Ltd Quarry Operators of the Cudgen Lakes Sand Quarry.](#)
- [Jeff Holloway appointed Quarry Manager in March 2020, Brad Holloway Operations Manager.](#)
- [Safety Management System implemented in March 2020 in coordination with Angus McDouall, Inspector of Mines – Resource Regulator.](#)
- [JBM Developments Pty Ltd carried out the April 2020 Kingscliff Sands Campaign which comprised:](#)
 - [Establishment of the Kingscliff Sands site in accordance with the Project Approval and Management Plan so that sand washing operations and export by truck could commence;](#)
 - [Limited campaign to excavate raw sand from existing resource on site \(ie no dredging\) and create a stockpile to supply samples for assessment by interested parties.](#)
- [The following works were carried out in order to commence operations in April 2020, this is not a complete list but comprises some of the main items:](#)
 - [Aboriginal Cultural Heritage induction and training undertaken](#)
 - [Site office and ancillary facilities set up](#)
 - [Onsite parking defined and signage installed](#)

	<ul style="list-style-type: none"> ○ Acid sulfate soil testing carried out ○ Earth bunding and spillways constructed ○ Monitoring procedures in place for surface water quality, water levels, ground water. ○ Acoustic monitoring during site operation
	<p>Compliance and reporting obligations</p> <ul style="list-style-type: none"> • The Annual Review 2019/2020 dated 30 September 2020 which covers the period 1 July 2019 to 30 June 2020 was submitted to DPIE, Council, EPA, Water NSW & NRAR and can be viewed at www.galeskingscliff.com.au. • The Annual Review lists five non-compliances during the reporting period relating to the implementation of the Air Quality and Soil and Water Management Plans, not achieving a maintenance agreement for Altona Road within the specified timeframe and late submission of a noise compliance report. The non-compliances are all ranked as ‘Administrative non-compliances’ in the risk matrix meaning that the non-compliance does not result in any risk of environmental harm. <p>The Annual Review (to 30 June 2020) notes, in addition to the items listed under ‘Summary of Cudgen Lakes project’ (May-November 2020) above, the following:</p> <p>Monitoring</p> <ul style="list-style-type: none"> • Environmental monitoring, including noise, air quality, surface water and groundwater monitoring were carried out. <p>Management Plan updates and approvals</p> <ul style="list-style-type: none"> • the following management plans were updated and approved. a. Traffic Management Plan (TMP) – approved 21 May 2020. b. Noise Management Plan (NMP) – approved 22 June 2020. c. Air Quality Management Plan (AQMP) – approved 22 June 2020. Comments have previously been received from Water NSW, EPA, OEH and Council in relation to the updated SWMP and RMP submitted 24 June 2019. A monthly reminder has been provided (as part of a status update to government) and brief discussions held with NRAR, however, no comments have been received to date from NRAR.
	<p>Community Complaints</p> <ul style="list-style-type: none"> • No complaints have been received.
	<p>Operations expected in December 2020 – January – February 2021</p> <ul style="list-style-type: none"> • Site establishment for sand washing equipment including concrete slab in processing area, bunding, transformer electrical installation according to Essential Energy specifications. The sand washer is scheduled for delivery in January 2021 with assembly and commissioning during January and February.
	<p>Development Application for raising area on Lot 21 DP 1082482 - DA20/0965</p> <ul style="list-style-type: none"> • A Development Application was submitted to Tweed Shire Council on 19 November 2020 in respect of Lot 21 DP 1082482, the northern part of the Cudgen Lakes Sand Quarry site. • The DA is being advertised by Council in the Tweed Link 9 December 2020 – 14 January 2021 (excluding 20 December 2020 – 10 January 2021). • The Development Application is for earthworks and associated drainage works to fill part of the lot with fill being placed in stages as shown in the diagram below. The purpose of the fill in the short term is to raise the level of the land to achieve improved pasture for existing grazing practices occurring on the land and in the medium to long term most of the fill will

be used to create future sports fields external to the approved extraction lake and for reprofiling the lake edges as permitted under the Project Approval.

- Imported fill may also be utilised for backfilling of the lake and for mixed with the sand resource as permitted under the Project Approval.
- Works onsite will involve erosion and sediment control, installation of sediment fencing, construction of access points, the establishment of the construction site office and stripping and stockpiling of topsoil pending it being respread over the filled area.
- Clean fill VEMN and ENM for raising the land will be imported from works on the M1 South Pacific Mortorway Burleigh to Palm Beach and from other sources.
- The diagram below shows the area of the fill and stages in which the filling will take place.



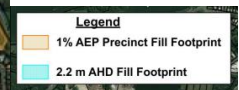
Figure 3.1 Proposed Earthworks

Cudgen Precinct Development Application - 2021

- A Development Application is expected to be submitted to Tweed Shire Council in the first half of 2021 in respect of filling around the extraction lake, relocation of Crescent Street and the relocation of Altona Road to the alignments as shown in the Concept Masterplan (diagram below). The current location of Altona Road is indicated by the red dashed lines going through the future lake in the diagram below.
- Altona Road will be relocated so as to allow sand extraction operations to extend north across the existing Altona Road.
- Clean fill VEMN and ENM will be imported from works on the M1 South Pacific Mortorway Burleigh to Palm Beach and from other sources for raising the land and road alignment to final levels.

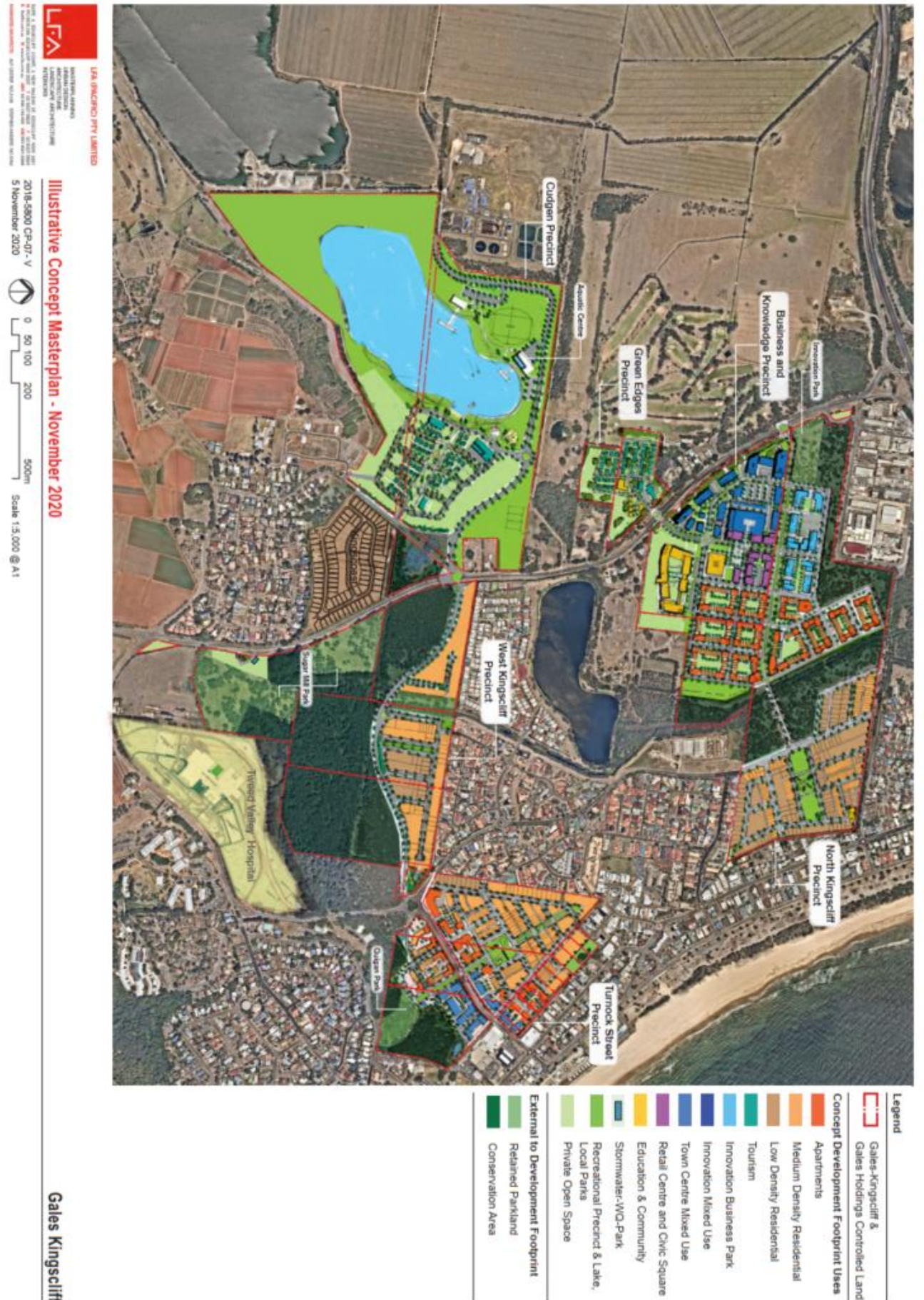
Below left – Concept Masterplan showing proposed development in the Cudgen Precinct

Below right – Venant Solutions 2020 Precinct Fill Footprints showing final level of fill



	<p>Planning Proposal – future planning for Cudgen Lakes area</p> <ul style="list-style-type: none"> • The Planning Proposal for Gales landholdings including the Cudgen Lakes area was submitted to Tweed Shire Council on 27 November 2020 and seeks to rezone the Cudgen Sand Quarry lots from RU1 Primary Production to RU2 Rural Landscape. The change in zoning does not affect the sand quarry operations. • The Planning Proposal includes flood studies relevant to the Cudgen Lakes area and the ultimate proposed land form in the Concept Masterplan is shown below in Attachment A. The flood studies assess the effects of the proposed development, including roads and fill, within the Gales lands and other land within the larger area that could be impacted.
	<p>New Lot 51 DP 1268405 to replace Lot 2 DP216705</p> <ul style="list-style-type: none"> • Lot 51 DP1268405 was registered in November 2020 and is the result of a boundary adjustment increasing the Lot 2 DP216705 (the southern lot of the Cudgen Sand Quarry) area by 3,464sqm to the south-east. This will facilitate connection of the relocated Altona Road and the raised area east of the lake to higher land to the south.
	<p>Altona Road upgrades and maintenance works complete; draft Agreements with Hanson</p> <ul style="list-style-type: none"> • As advised in the April 2020 status report, in September 2019 Hanson submitted draft agreements between Hanson and Gales to the DOP which cover the requirements in Schedule 3 Clauses 27, 28 and 29 (as detailed in the CCC November 2019 Report) regarding upgrading and maintaining Altona Road. The draft agreements were waiting for the determination of the Secretary as to outstanding items; an extension to the required timeframe for finalising the agreements has been sought from the Department but not responded to (see Gales Annual Review). • As advised in the April 2020 status report Hanson completed the required upgrade works to the Altona Road and the Tweed Coast Road / Crescent Street intersection and maintenance works which allow Hanson and Gales to export sand in accordance with maximum allowable transport conditions once sign off is received from the Department and Council. • These works satisfy the requirements of Schedule 3 Conditions 27 and 29 of PA 05_0103. Council confirmed their satisfaction of the works through the issue of a Works as Executed Compliance Certificate dated 7 May 2020.
	<p>Next meeting and questions</p> <ul style="list-style-type: none"> • A CCC meeting will be scheduled in the first half of 2020. • If any CCC members have any questions concerning the Cudgen Lakes Sand Extraction Project please email us directly and we will collate questions and responses, if any, and send to all CCC members: sdsegal@gmail.com; peledlisa@gmail.com • Wishing all a Merry Christmas and a happy new year.

Attachment 1 – Illustrative Concept Masterplan for Gales landholdings – November 2020



Cudgen Lakes Sand Quarry
Community Consultative Committee Meeting
4 June 2021 at 12pm

Kingscliff Sustainable Centre meeting room, Altona Road

Meeting/Report No: 7

Previous Meetings: 7 April 2017, 20 November 2017, 28 September 2018

Previous Reports: 18 November 2019 (report in lieu of meeting as no operations occurred on site in 2019), 19 April 2020 and 10 December 2020 (reports sent due to Covid-19 restrictions)

Attendees	
<p>Community Members: Felicia Cecil – community representative (for site visit only) Barry Green – community representative</p> <p>Council Members: Colleen Forbes – Team Leader Development Assessment David Bell – Team Leader Environmental Health</p> <p>DPIE Compliance: Shelley McPhee – Team Leader Compliance – Far North Region (Murwillumbah)</p>	<p>Independent Chair: John Griffin</p> <p>Gales-Kingscliff / Kingscliff Sands: Stephen Segal – Managing Director Carol Segal - Director</p> <p>Kingscliff Sands – Quarry Operator: Brad Holloway – Nominated Quarry Manager & Operations Manager Nick Gould – Quarry Supervisor</p> <p>Johnson Planning and Development: Gavin Johnson</p> <p>Quarry Safety Consultant Shaine Mutton</p>
Apologies	
Ray Clark – Tweed Shire Council – Traffic Engineer	
Distribution List in addition to Attendees above:	
<p>DPIE Compliance: Angie Hollister - Senior Compliance Officer – Far North Region</p>	<p>RW Corkery & Co Environmental Consultants: Scott Hollamby</p>

Item	Description
	<p>Actions arising from the last report</p> <ul style="list-style-type: none"> • No queries were received following the distribution of the December 2020 CCC Report.

Summary of Cudgen Lakes project (January – June 2021)

Works

- Concrete slab constructed for placement of the CDE washer.
- CDE washer system and radial conveyor belt delivered, assembled, installed, commissioned and handed over and training.
- 11,000kV transformer installed on pad raised above Q100 with connection to the grid with power connecting from Altona Road to the north.
- Easement granted to Essential Energy for underground powerlines and multi-purpose electrical installation.
- Power was provided to the office and to the CDE system via a control room above Q100.

Monitoring

- Continued environmental monitoring, including noise, air quality, surface water and groundwater monitoring carried out in accordance with Management Plans.

Drainage

- Exceptionally wet summer with continued problems with drainage and the Quarry site wetted up and not draining properly.
- Gales is trying to find the cause of the problem and get it fixed and in this regard is in communications with Council and EPA and downstream landowners. Some uncertainty as to who is responsible to maintain the drain to ensure it functions correctly.

MOD3 Scoping Study submitted to DPIE

- Enlarged processing area and increase in export quantities and import of VENM/ENM and PASS, total number of truck movements limited to Altona Fill approval DA.

Health and Safety

- Workplace health and safety consultant appointed to:
 - Review health and safety management systems
 - Carry out regular inspections
 - Ensure appropriate licensing is in place

Summary of Cudgen Lakes project May-December 2020 (extracted from previous Report)

Site establishment and construction activities:

- *demountable site office re-established in the southwestern corner of the processing area.*
- *perimeter bunding for the extraction area extended to tie into the processing pad (1.8m AHD) establishing a water containment zone between the processing area and existing extraction pond.*
- *acid sulfate soil testing undertaken as part of these activities.*
- *site signage and traffic management / directional barriers installed.*
- *initial silt-return pond and sluicing channel excavated between existing extraction pond and processing area in preparation for dredging campaign.*
- *Altona road upgrade works were completed by Hanson Construction Materials (see below).*

Extraction, processing and sale of product:

- *extraction operations recommenced to enable processing operations and road transportation of quarry products commenced for the first time.*

Cont ..

	<ul style="list-style-type: none"> • <i>mobile screening plant utilising water to wash material over the screens was used - the wet screening processes was used to separate coarse material (principally vegetative matter, rocks and shells) from loamy sand in order to produce a general use sand and a 'top dressing' product. Fines were retained within the product which was subsequently tested for acid sulfate potential prior to sale.</i> • <i>soil material was extracted from previously limed stockpiles and did not require further testing or processing.</i> • <i>Sale of fill sand, screened sand and sand-soil products.</i>
	<p>Compliance and reporting obligations</p> <ul style="list-style-type: none"> • The Annual Review 2020/2021 will cover the period 1 July 2020 – 30 June 2021 and will be submitted to DPIE, Council, EPA, Water NSW & NRAR in the third quarter of 2021. • The Annual Review 2019/2020 dated 30 September 2020 can be viewed at www.galeskingscliff.com.au. • No concerns were noted following recent inspections carried out by: <ul style="list-style-type: none"> – DPIE – EPA – Mining Regulator
	<p>Community Complaints</p> <ul style="list-style-type: none"> • No complaints have been received.
	<p>Operations expected June – December 2021</p> <ul style="list-style-type: none"> • Continued sand processing and sales. • Site improvement activities including landscaping of sand processing area. • Investigate potential for installing: <ul style="list-style-type: none"> – Solar power – Dry screener

Planning applications relevant to the Cudgen Lakes Sand Quarry site

Development Application for raising area on Lot 21 DP 1082482 - DA20/0965

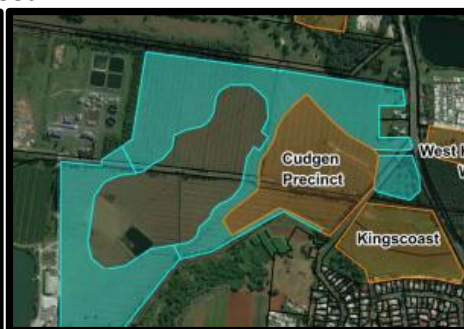
- DA20/0965 was approved by Tweed Shire Council on 6 May 2021.
 - The DA is for earthworks and associated drainage works to fill part of the lot with fill being placed as shown in the diagram below.
 - The purpose of the fill in the short term is to raise the level of the land to achieve improved pasture for existing grazing practices occurring on the land and in the medium to long term most of the fill will be used to create future sports fields external to the approved extraction lake and for reprofiling the lake edges as permitted under the Project Approval.
 - Imported fill may also be utilised for backfilling of the lake and for mixing with the sand resource as permitted under the Project Approval.
 - Works onsite will involve erosion and sediment control, installation of sediment fencing, construction of access points, the establishment of the construction site office and stripping and stockpiling of topsoil pending it being respread over the filled area.
 - It is expected clean fill VEMN and ENM for raising the land will be imported from works on the M1 South Pacific Motorway Burleigh to Palm Beach and from other sources.



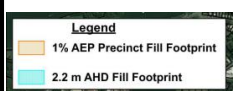
Lot 21 DP 1082482, the northern part of the Cudgen Lakes Sand Quarry site showing the area of fill (outlined in red) in which the filling will take place. Existing Altona Road runs to the south.

Cudgen Precinct Development Application - 2021

- A Development Application which includes Cudgen Precinct (the sand extraction site) and Turnock Street extension is in the early stages of preparation, which will include: filling around the extraction lake, relocation of Crescent Street and the relocation of Altona Road to the alignments as shown in the Masterplan (diagram below). The current location of Altona Road is indicated by the red dashed lines going through the future lake in the diagram below.
- Altona Road will be relocated so as to allow sand extraction operations to extend north across the existing Altona Road.
- Raising Altona Road will reduce Q100 flood impact east of Tweed Coast Road and in existing residential area north of Sand Street.



Left: Concept Masterplan showing proposed development in the Cudgen Precinct and Venant Solutions 2020 Precinct Fill Footprints showing final level of fill.



	<p>Planning Proposal – future planning for Cudgen Lakes area</p> <ul style="list-style-type: none"> • The Planning Proposal for Gales landholdings including the Cudgen Lakes area (submitted to TSC in November 2020) was submitted to the Department of Planning, Industry and Environment (DPIE) on 6 April 2021 for assessment by the Northern Regional Planning Panel for a Rezoning Review. • The PP seeks to rezone the Cudgen Sand Quarry lots from RU1 Primary Production to RU2 Rural Landscape, in which eco-tourism uses are permitted as shown in the LFA Masterplan and shown in the Kingscliff Locality Plan (KLP) / adopted DCP. • The change in zoning does not affect the sand quarry operations. • Council resolved to not support Gales Planning Proposal (20 May 2021). The PP will continue to be assessed by the NRPP.
	<p>Next meeting and questions</p> <ul style="list-style-type: none"> • A CCC meeting will be scheduled in November / December 2021, covid allowing.