

Agenda

16 February 2023

Project	Cudgen Lakes Sand Quarry	From	Michael Ulph
Subject	Cudgen Lakes Quarry CCC	Tel	0458 049 847
Date/Time	16 February 2023 2pm	Project no.	12584646
Attendees	TBC	Apologies	TBC
Venue	Kingscliff Waste Water Treatment Plant – Sustainable Living Centre Meeting Room		

Agenda	Action/Notes	Who by
Welcome / Introductions		MU
Apologies	–	MU
Declaration of pecuniary interests	–	All
Acceptance of Previous Minutes	– CCC Meeting Minutes dated 1 July 2022	MU
Business arising from minutes	–	MU
Correspondence		
Business Operations	– Sand processing and sales	
	– Flooding and drainage	
	– Upgrades: site, equipment, technology	
	– Monitoring	
	– Works north of Altona Road – ‘Altona Fill site’	
	– Altona Road & Crescent St Relocation	
	– Mod 4 Scoping study	
	– PASS Recovery Order and Exemption application	
	– Health & Safety	
	– Operations expected in next 6 months	
General Business	– Community and stakeholder representatives	MU
Next meeting / site inspection	– Date	All
Close		MU

Meeting Minutes

- Cudgen Lakes Community Consultative Committee

16 February 2023

Project	Cudgen Lakes Sand Quarry
Subject	Cudgen Lakes Quarry CCC
Date/Time	16 February 2023 14:00
Venue	Kingscliff WWTP – Sustainable Living Centre Meeting Room
Attendees	<p>Independent Chair: Michael Ulph - Communications & Stakeholder Engagement, GHD</p> <p>Kingscliff Sands – Quarry Operator: Nick Gould – Quarry Supervisor Matt Holloway – Quarry Technical Supervisor</p> <p>Gales-Kingscliff / Kingscliff Sands: Lisa Segal Peled – Gales via VC</p> <p>Johnson Planning & Development: Gavin Johnson</p> <p>Community Members: Felicia Cecil – community representative</p> <p>Council Members: Colleen Forbes – Tweed Shire Council Team Leader Development Assessment</p>
Apologies	<p>Stephen Segal – Gales and KS Managing Director</p> <p>Brad Holloway – Quarry Manager</p> <p>Barry Green – community representative</p> <p>David Bell – Team Leader Environmental Health</p> <p>Ray Clark –Traffic Engineer</p>
Distribution list in addition to attendees	<p>DPIE Compliance: Shelley McPhee – Team Leader Compliance – Far North Region (Murwillumbah) Angie Hollister - Senior Compliance Officer – Far North Region</p> <p>RW Corkery & Co Environmental Consultants: Scott Hollamby</p>

For more detail about each item if you wish please refer to the CCC Report which was provided to all CCC members prior to and at the CCC meeting and will be placed on website

Agenda item	Action/Notes	Who
Welcome/Introductions	<ul style="list-style-type: none"> ▪ Waited for some attendees 14:00 to 14:13pm ▪ Meeting opened 14:13pm ▪ Welcome by Michael Ulph ▪ Acknowledgement of Country ▪ Representatives introduced themselves ▪ Felicia Cecil – representing Chinderah District Residents Association 	MU
Apologies	<ul style="list-style-type: none"> ▪ As above 	

Declaration of pecuniary interests	<ul style="list-style-type: none"> ▪ None 	
Acceptance of previous minutes	<ul style="list-style-type: none"> ▪ Acceptance of minutes dated 1 July 2022. ▪ Forwarded and seconded that Meeting Minutes 1 July 2022 are true and correct 	MU NG/LP
Business arising from previous minutes	<ul style="list-style-type: none"> ▪ No questions or business arising from minutes of 1 July 2022. 	
Business operations		
	<p>1. Progress at the quarry</p> <ul style="list-style-type: none"> ▪ Overview of recent operations referred to maps in CCC Report showing operations over the last 12 months and planning for the next 12 months. ▪ Improving driveway and internal pavements, planting of cactuses and succulents. ▪ Formation of west access track to enable 4WD access to monitoring locations in the west. ▪ Increase in length of radial wall to enable more stockpiling of sand. ▪ New fence on boundary between KS and Hanson Quarry. 	NG
	<p>2. Equipment upgrades</p> <ul style="list-style-type: none"> ▪ <i>Dredge</i>: New dredge expected delivery June 2023 - electric not diesel. ▪ Lower energy use, more efficient and quieter operation. ▪ MU noted this is an improvement for noise and environmental impact. ▪ Due to electricity needs - planning installation of power poles and transformer north of Altona Road to service dredge. ▪ Dredge is unmanned – this reduces WHS risks as no one on the dredge in the lake. ▪ <i>Loader</i>: New Volvo loader – used for loading sand into trucks - operator says it is a great improvement, can load bucket easily, needs less bucket lifts per truck. ▪ Using old loader as backup and to load trucks transporting shell grit and soil. ▪ <i>Excavator</i>: New excavator – used for cleaning site, lifting things - more efficient and more comfortable for the operator. 	NG
	<p>3. Sand processing and sales</p> <ul style="list-style-type: none"> ▪ Continued operation of CDE washplant – washes dredged sand and stockpiles for sale. ▪ Majority of sand sold for use in concrete, also used for golf courses, asphalt, landscaping ▪ Question concerning quality/colour of sand – NG explained sun bakes the sand resulting in whiter colour 	NG
	<p>4. Technology</p> <p>MH discussed that KS is constantly improving IT</p>	MH

	<ul style="list-style-type: none"> ▪ CF clarified that the PASS application is effectively for the lake area that will be backfilled in the future. The DA with Council to move Altona fill pad to the north is not to accept PASS. 	
	<p>8. Altona Fill Site, DA push fill north, DA to widen Altona Road</p> <ul style="list-style-type: none"> ▪ North of current extraction lake – filling works commenced in May 2022. ▪ Fill sources from Kingscoast, Tweed and south Queensland. ▪ Aware of and no fill from fire ant areas. ▪ CF (Council) stated Council are putting conditions on consents about needing to avoid fire ant areas. ▪ Purpose for agricultural improvement and future sportsfields. ▪ New DA being prepared to move fill pad to the north – not increasing amount of fill. ▪ Separate DA to widen Altona Road for the last 150m to allow trucks to pass. 	GJ
	<p>9. Altona Road & Crescent St relocation</p> <ul style="list-style-type: none"> ▪ DA in preparation to relocate Altona Road and Crescent Street to integrate with Turnock Street extension and roundabout on Tweed Coast Road has been discussed with Council. 	GJ
	<p>10. Operations expected February-June 2023</p> <ul style="list-style-type: none"> ▪ NG discussed the possibility of installing floating solar panels so that the electrical dredge can operate during the day with solar power. ▪ A screener to screen soils and remove organic matter is considered being added to the inventory if the MOD4 is approved as there will be a larger processing area. 	NG

General business	<p>11. Planning Proposal</p> <ul style="list-style-type: none"> ▪ In November 2022 Gales presented a new masterplan to Council which addresses a number of Council’s concerns they had with Gales 2020 masterplan. ▪ Gales is awaiting a formal response from Council. 	GJ
	<p>12. CCC community member feedback</p> <ul style="list-style-type: none"> ▪ FC asked if there has there been any feedback from the community on the quarry movements. ▪ CF stated that Council received some phone calls asking why filling is starting on Altona however there have been no formal complaints. ▪ GJ stated that Gales is in contact with Kingscliff Ratepayers Association (KRPA), met with them in November 2022 and will present at their meeting in March 2023. ▪ FC asked if KRPA can be encouraged to have a representative on this CCC. ▪ MU stated that 2 community members on a CCC is a small number. The idea is that they are a conduit into the community. CCC 2019 guidelines say CCC membership should have up to 7 community representatives. He noted that is one community representative is away or sick there will be only one community member and he would rather there be more. ▪ MU suggested placing an add seeking expressions of interest through an ad in the paper e.g. TVW and will send the wording to LP to then organise. ▪ CF suggested inviting the Compliance Team from the Department to the next meeting. 	
Next meeting / site inspection	The next meeting will be held Thursday 29 June 2023 at 2pm and will include a site inspection after the meeting.	MU
Close	The meeting was closed at 3:15pm by MU.	MU
Meeting minutes	Minutes submitted by: Lisa Segal Peled Minutes approved by:	

Cudgen Lakes Sand Quarry
Community Consultative Committee Meeting
Thursday 16 February 2023 at 2pm

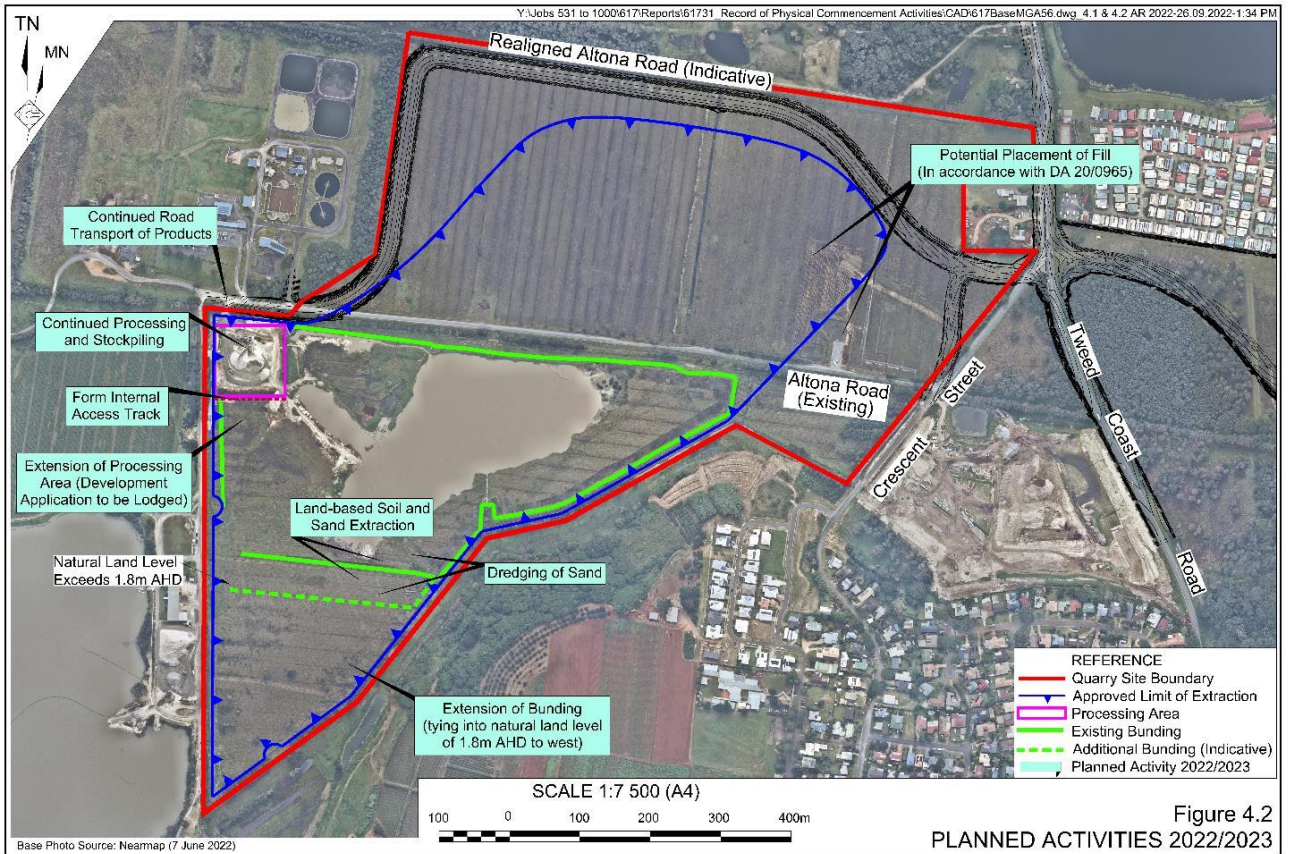
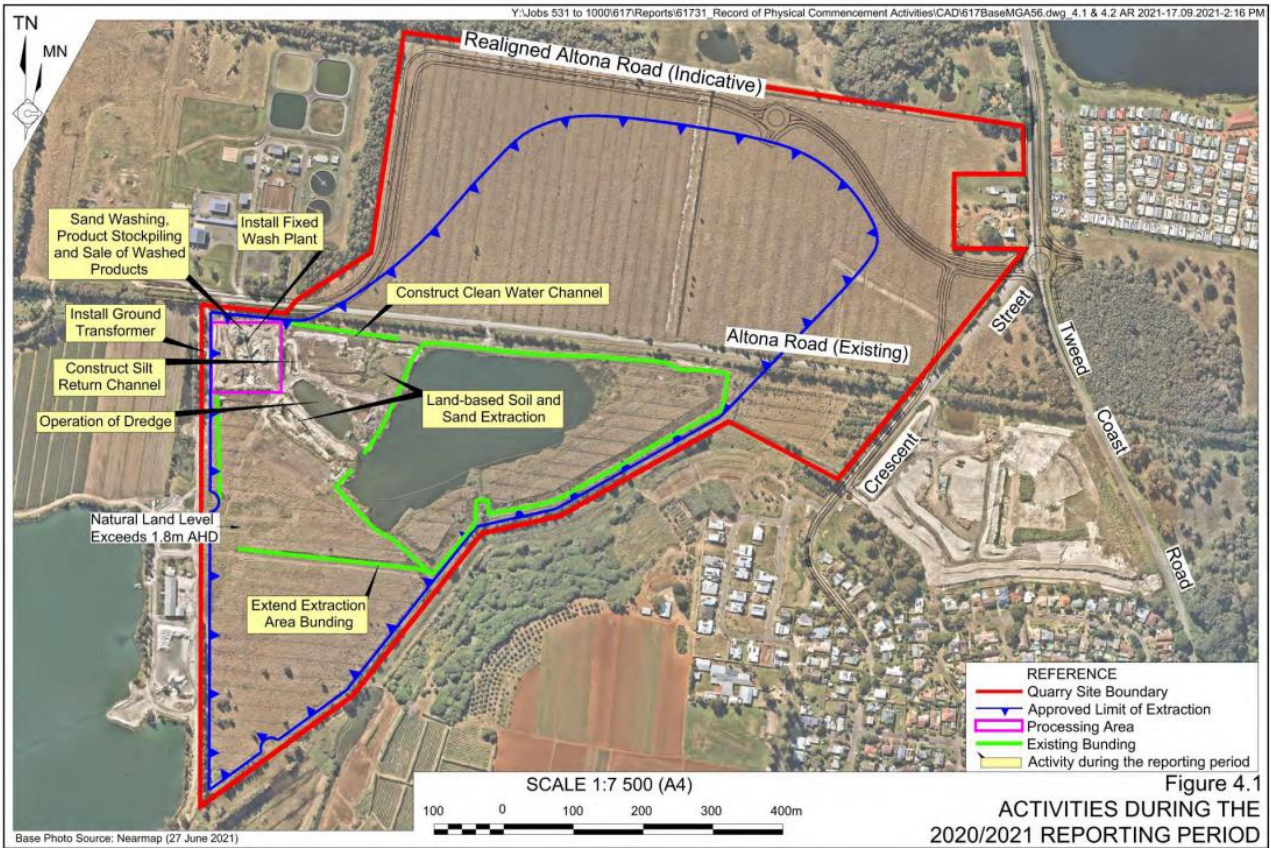
Kingscliff Waste Water Treatment Plant – Sustainable Living Centre Meeting Room

Meeting/Report No: 9

Previous Meetings and Reports: 7 April 2017, 20 November 2017, 28 September 2018, 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), 4 June 2021, 1 July 2022

Invitees/Attendees	
<p>Community Members: Felicia Cecil – community representative Barry Green – community representative</p> <p>Council Members: David Bell – Team Leader Environmental Health Ray Clark – Tweed Shire Council – Traffic Engineer Colleen Forbes – Team Leader Development Assessment</p>	<p>Independent Chair: Michael Ulph - Technical Director – Communications & Stakeholder Engagement, GHD</p> <p>Gales-Kingscliff / Kingscliff Sands: Stephen Segal – Managing Director via VC Lisa Segal Peled – Gales via VC</p> <p>Kingscliff Sands – Quarry Operator: Nick Gould – Quarry Supervisor Matt Holloway – Quarry Technical Supervisor</p> <p>Gavin Johnson Johnson Planning and Development</p>
Apologies	
-	
Distribution List in addition to Attendees above:	
<p>DPIE Compliance: Shelley McPhee – Team Leader Compliance – Far North Region (Murwillumbah) Angie Hollister - Senior Compliance Officer – Far North Region</p>	<p>RW Corkery & Co Environmental Consultants: Scott Hollamby</p>

Overview – Extracts from Annual Review 2021-2022



Item	Description
	<p>Welcome</p> <ul style="list-style-type: none"> • Welcome and introductory remarks from Chairman Michael Ulph
	<p>Actions arising from the last report</p> <ul style="list-style-type: none"> • No queries were received following the June 2022 CCC meeting.
<p>Summary of Cudgen Lakes project (June 2022-February 2023)</p>	
	<p>Sand processing and sales</p> <ul style="list-style-type: none"> • Sand extraction through dredging. • Sand washed by CDE washplant. • Clean fine sand placed by radial stacker and loaded onto trucks for export. • Fines returned towards extraction pond but allowed to settle in fines pond. • Increase in sales and export by truck June – December 2022. <p>Site works</p> <ul style="list-style-type: none"> • Optimisation of internal truck route. • Concreting of entrance. • Increase in length of radial wall. • Landscaping at entrance. • New cattle fence erected along the western boundary of the site. • Progress installation of electricity north of Altona Road for connection to new dredge, dredge expected June 2023. <p>Equipment upgrades</p> <ul style="list-style-type: none"> • October 2022 - Delivery and commissioning of new Volvo Loader. • December 2022 - Order second dredge, delivery expected June 2023. • February 2023 – delivery of second excavator. • Assessment of CDE upgrades for more efficient operation. <p>Technology upgrades</p> <ul style="list-style-type: none"> • Continued improvement to minimise environmental impact and CO2 emissions. • New loader, excavator and dredge (expected 6/23) have increased efficiency, reduced fuel/power consumption rate. • New dredge is electric powered and will replace existing diesel dredge with reduced emissions and reduced sound impact. <p>Independent Environmental Audit 2020-2022</p> <ul style="list-style-type: none"> • Second Independent Environmental Audit covering previous 3 years finalised December 2022. First audit covered period from commencement to November 2019. • Audit can be viewed at https://www.galeskingscliff.com.au/reports, scroll to bottom. • The audit concludes that <i>“Overall, the project environmental performance in compliance with Project Approval MP 05_0103B Modification 2 was satisfactorily met”</i>. A range of recommendations were also provided. • The audit recommendation Response and Action Plan was finalised 24 January 2023.

Drainage

- Drainage from the entire site has been compromised, and the site consequently wetted up limiting grazing and causing operational problems including stripping topsoil prior to dredging and access and works related to filling north of Altona. These blockages were:
 - From the northwest corner – this was addressed by Council cleaning the drain through the northern part of the WWTP;
 - Along the southern boundary – blockages in the immediately downstream property were addressed by the neighbour. Blockages downstream from there might still be present.
 - Along Crescent Street – caused by works associated with Kingscoast development. These have now been completed, although a new drainage connection has been established at the southwestern part of Crescent Street.
- Noxious weeds – Amazonian frogbit was identified near the WWTP and subsequently found east of Tweed Coast Road. Rous Council is attending to its treatment with regular assessments and treatment.

Flooding

- Drainage Strategy Deed signed between Gales and Council on 28 July 2022. The Deed requires Gales to undertake a Drainage Strategy for the West Kingscliff drainage catchment in accordance with Council requirements to replace the outdated 2000 strategy.

Monitoring

- Continued environmental monitoring, including noise, air quality, surface water, groundwater monitoring carried out in accordance with Management Plans.
- These are regularly reported and reviewed in detail by the Audit which can be viewed at: www.galeskingscliff.com.au (Projects - Cudgen Lakes – Approvals and Reports – Annual Reviews 2021-22)
- The washed sand itself is regularly assessed to ensure ongoing compliance with quality criteria required by various clients.

Health and Safety

- Quarry Manager in regular contact with Workplace health and safety consultant.
- The internal vehicle flow has been designed for safety and to minimise interaction between heavy vehicles and pedestrians and civil vehicles.
- Signage is placed for safety e.g. limited access, induction required, risks.

Works north of Altona Road (within Quarry approval area)

- Works to fill north of Altona Road in accordance with DA 20/0965 commenced May 2022 with filling campaigns in the second half of 2022.
- Fill is to enable higher grazing lands protected against wetting up and later sports fields between Crescent Street and the WWTP.
- Discussions are ongoing between Gales and Council regarding the location of the sportsfields north of the lake. Gales met with Council in November 2022 and is waiting for a response from Council to advance sportsfields location and design.

New Altona DA (push north) & Altona Road and Crescent Street Relocation

- Gales is seeking to move the approved 'Altona Fill' northwards towards the northern boundary and submit plans for Altona Road relocation, which is approved by the Quarry Project approval to be north of the extraction lake. Altona Road must join Tweed Coast Road and the northern part of Crescent Road must be relocated to satisfactorily join the Turnock Street extension

	<p>(Slink) and Tweed Coast Road intersection – this will be a roundabout when 4 lane widening occurs.</p> <ul style="list-style-type: none"> • The widening of Tweed Coast Road to 4 lanes, a roundabout and connection with the new road to Elrond Road roundabout and Marine Parade will greatly improve access to the beachfront and relieve congestion on Cudgen Road, which will increase when the Hospital opens. • Gales priority is to ensure that Altona Road is designed and approved to join in with Turnock extension and Tweed Coast roadworks. <p>MOD4 Scoping Study submitted to DPIE – undetermined</p> <p>Originally lodged with DPIE May 2021. Scoping Study is undergoing changes before re-lodgement:</p> <ul style="list-style-type: none"> • Q2 2023 Scoping Report to be updated with changes including: <ul style="list-style-type: none"> ▪ reinstate original larger processing area for increased stockpiling, multi product processing; ▪ revised lake boundary - move northern area from west extraction to more easterly extraction to facilitate Council’s preference for location of sportsfields; ▪ enabling reduced combined transportation rate of pumping + trucking sand out. Current approval allows for 650,000t dredge, 300,000t truck, 45,000t import VENM and PASS. <p>PASS Resource Recovery Order and Exemption application - undetermined</p> <ul style="list-style-type: none"> • Lodged February 2022, Request for Information received May 2022. • Project Approval allows for PASS import to the site (previously referred to as VENM(b)) – Gales is working with EPA to ensure have correct licencing in place to allow import to start. • Meeting held with EPA 2 February 2023 to confirm the remaining tasks required to finalise the Environment Protection Licencing and issue the Resource Recovery Order and Exemption Application. • Finalisation of this process is expected Q2 or Q3 2023. <p>The importation of VENM/ENM/PASS is divided into:</p> <ul style="list-style-type: none"> • use for reprocessing, backfilling the lake and profiling lake edges; and • use for raising the existing land level (VENM/ENM or treated PASS) and associated uses such as Altona Road, land-based recreation, sports fields and land for development, to be approved and managed under separate development approvals, including DA 20/0965.
	<p>Compliance and reporting obligations</p> <ul style="list-style-type: none"> • The Annual Review covering the period 1 July 2021 – 30 June 2022 was submitted to DPIE, Council, EPA, Water NSW & DPE Water end Sept 2022. • The Annual Review 2021/2022 can be viewed at www.galeskingscliff.com.au (Projects - Cudgen Lakes – Approvals and Reports – Annual Reviews)
	<p>Community Complaints</p> <ul style="list-style-type: none"> • No complaints have been received.
	<p>Operations expected January – July 2023</p> <ul style="list-style-type: none"> • Continued sand processing and sales. • Site improvement activities including landscaping of sand processing area. • Additional equipment – dredge and excavator <ul style="list-style-type: none"> – Investigate potential for installing Solar power and Dry screener

Planning applications relevant to the Cudgen Lakes Sand Quarry site

Development Application for raising area on Lot 21 DP 1082482 – modification to move fill pad 40m north - undetermined

- DA20/0965 (approved by Council 6 May 2021) commenced in May 2022 – Modification DA lodged to move fill pad 40m to the north.
- Response received from Council – working to resolve ecological issues.

Below left: Lot 21 DP 1082482 showing the Proposed Fill pad (pushed north 40m)

Below right: Approved fill footprint in red outline and stages in which filling will take place

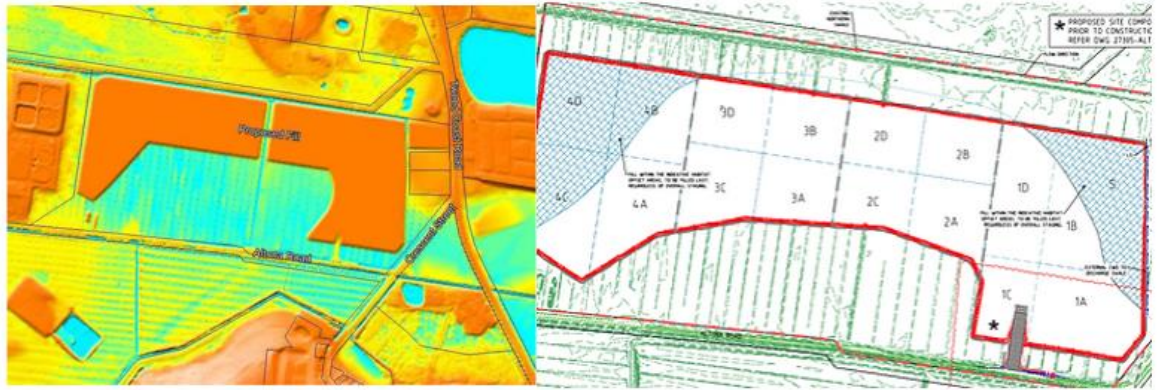


Figure 2-6 Proposed Fill Ground Level DEM

Revised Masterplan 2022

- Gales met with Council in November 2022 to present a revised Masterplan.
- Feedback from Council expected in February 2023 in order to progress Masterplan.



Quarry Approval

