

**Sancrox Quarry Expansion Project
Community Consultative Committee
Minutes of meeting held at Rydges Hotel, Port Macquarie
& via video-conferencing
Monday, 14 March 2022**

	NAME	ORGANISATION
PRESENT	Lisa Andrews (LA)	Independent Chairperson
	Andrew Driver (AD)*	Hanson - Eastern Region Development Manager
	David Keys (DK)*	Hanson - Area Manager
	Anthony Clarkson (AC)*	Hanson – Operations Manager
	Belinda Pignone (BP)	Hanson - Environmental Planning and Compliance Coordinator
	Geoff Freeman (GF)	Community Representative
	Jeff Gillespie (JG)	Community Representative
	Kieran Metcalfe (KM)	PSC Council Representative
	Robert Preston (RP)*	Le Clos Sancrox Lot Owners Representative Group <i>(alternate)</i>
	Tony Thorne (TT)	Community Representative
	Tim Ward (TW)*	Guest - Ethos Urban (project consultants)
	Steve Kenworthy (SK)	Hanson – National Geology Manager
	Marita Reynolds (MR)*	Independent Minute Taker/Secretary
APOLOGIES	Chris Brown (CB)	Hanson - Sancrox Quarry Manager
	John Cassegrain (JC)	Community Representative

*Joined via Microsoft Teams video-conferencing

WELCOME & INTRODUCTIONS	<p>LA opened the meeting at 11.03am and welcomed members to the Sancrox Quarry CCC. LA thanked everyone for attending the meeting given the recent weather events.</p> <p>LA acknowledged all attendees participating in person and via video-conferencing; welcoming back Tim Ward from Ethos Urban and also introducing Marita Reynolds, independent minute secretary, who would be taking the minutes for this meeting.</p>							
APOLOGIES	Chris Brown, John Cassegrain and Maureen Churnside (LA advised that MC has resigned from the CCC as she has moved out of the area), stating that she had thanked Maureen for her contribution to the CCC.							
DECLARATIONS OF INTEREST	LA advised that she is an approved Independent Chairperson with the Department of Planning and Environment, appointed by the Secretary to chair this CCC and engaged by Hanson.	No changes to members' previous declarations						
BUSINESS ARISING FROM PREVIOUS MINUTES	<p>In accordance with the guidelines, the minutes from the previous meeting held on 26 March 2021 were distributed on 13 April 2021, finalised on 24 April 2021 and emailed to members.</p> <p>Action Items:</p> <table border="1"> <thead> <tr> <th></th> <th>ISSUE</th> <th>RESPONSIBILITY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Additional appendices to EIS to be provided to CCC members, including</td> <td>BP</td> </tr> </tbody> </table>		ISSUE	RESPONSIBILITY	1	Additional appendices to EIS to be provided to CCC members, including	BP	
	ISSUE	RESPONSIBILITY						
1	Additional appendices to EIS to be provided to CCC members, including	BP						

		site plan. Completed on 31 March 2021.	
	2	Liaise with members on the next proposed CCC date. Completed – Save the Date sent 11/2/22.	LA
CORRESPONDENCE	<p>As sent with the Meeting Notice and Agenda on 3/3/22 with 1 additional item, which was the video-conference link for this meeting on 14/3/22.</p> <ul style="list-style-type: none"> • 26/3/21 – Email to members advising that Hanson has extended the timeframe for feedback from the CCC to Friday 23/4/21. • 26/3/21 – Email from MD stating that the RTS is a matter between the State and Hanson and that Hanson should get on with the process. • 31/3/21 – Email to members providing the additional supplementary documentation on the RTS. • 13/4/21 – Email to members with the draft minutes for review. • 20/4/21 – Email to members with a reminder to have feedback comments back by COB 23/4/21. • 23/4/21 – Email from PMHSC delegate on the RTS. • 24/4/21 – Email to members with the finalised minutes. • 19/5/21 – Email to DPIE with chair's CCC annual report for 2020-21. • 21/5/21 – Email to members advising that the final RTS has been submitted to DPIE. • 25/5/21 – Email to members advising that DPIE has placed the RTS on its major projects' website. • 2/6/21 – Email from DPIE advising that RTS has been submitted by Hanson. • 11/2/22 – Email to members with an update on the assessment of the DA (RTS, etc) and proposed date for CCC – 14/3/22. • 14/2/22 – Email from Maureen Churnside resigning from the CCC as she has moved out of the LGA. • 11/2/22 – Email to members with an update on the assessment of the application and a save the date for 14/3/22 CCC. • 4/3/22 – Email to members confirming that the CCC will proceed and asking for questions and topics to be submitted for Hanson's response on the day. • 10/3/22 – Email to members confirming the meeting. • 14/3/22 – Email to members with the video-link for this meeting. 		
REPORT/PROJECT UPDATE <i>(See attached presentation)</i>	<p>RTS Project discussion</p> <p>Pit design and staging</p> <p>DK highlighted the following points from the presentation:</p> <ul style="list-style-type: none"> • The quarry could not meet current demand in the marketplace and material was being imported from outside the area. • The pit development plan had been amended to reorientate the pit in the southwest corner so that it was more geologically sound. • Traffic management improvements were being made to increase safety and reduce collisions. • Sustainability actions were underway locally, Australia wide and internationally to reduce diesel emissions. Machines were being switched off when they were not in use and idle time had been reduced. A new dump truck had been ordered to help reduce noise emissions, improve fuel consumption and reduce CO² emissions. 		

	<ul style="list-style-type: none"> • Flood recovery projects were underway including the Rocks Ferry Reserve which was devastated by flood waters in March 2021 and would require 1500 tonnes of material to rehabilitate the area. The Port Macquarie-Hastings Council had several hundred individual flood recovery works to be completed over the next few years. Hanson had been unable to assist with flood recovery during the past two months due to material caps. • Eighteen employees were assisting with the 2022 Northern Rivers Flood Recovery effort by helping people in the community who were unable to remove material from their houses. The volunteers were assisting the local community, local Aboriginal organisations and the Lismore City Council. • Staff had also assisted the community in Port Macquarie who were affected by the floods in 2021. <p>LA congratulated DK, his team and Hanson for supporting local communities by providing assistance on the ground.</p> <p>RP acknowledged the great work undertaken by Hanson as an organisation and its employees during the Northern Rivers Flood Recovery effort.</p> <p>Biodiversity reduction BP highlighted the following points from the presentation:</p> <ul style="list-style-type: none"> • Originally there were 60.6 hectares of biodiversity impacts which had been reduced to 49.9 hectares. Vegetation removal had been reduced from 43.1 hectares to 30.4 hectares. The number of ecosystem credits had been reduced from 2,449 to 1,701. • Stripping would only occur once a year at a time to enable safer movement of fauna and to reduce the amount of land disturbed. • Upon approval of the biodiversity plan there would be immediate revegetation of cleared lands. <p>DK advised that the cleared land would be planted out once approval was granted. Approval would be sought for the State Significant Development (SSD) which included planting out an area to the north in the first 12 months of the project. A project manager would be appointed, and guidance and advice would be sought from flora and fauna experts to determine what would have been on the land before it was cleared. It was advised that the land had been cleared prior to being purchased by Hanson.</p> <p>The pit would be compressed to enable the corridor to be widened resulting in a 280m wide corridor within the Hanson property. The widest corridor outside of the</p>	
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	<p>Hanson property was 113m at the bottom of the site, south of Sancrox Road.</p> <p>Dust mitigation and management</p> <p>Management of dust would be conducted according to the Air Quality Management Plan, which required approval from the EPA and the Department of Planning and Environment. The EPA had agreed to a trigger response plan, which involved an action plan being followed to ensure limits were reduced.</p> <p>RP queried whether the conveyors would be enclosed as part of the modernisation of the plant. DK confirmed that they would be covered, as would the screen house and the crushers. There would be three green colorbond buildings and the conveyors between the buildings would also be covered to enable dust mitigation.</p> <p>TT queried when the Air Quality Management Plan would be available. DK advised that the draft management plans and the environmental plan were being prepared and would require approval along with the SSD. It was expected that the plans would be approved late in 2022.</p> <p>BP advised that the next steps for the project were:</p> <ul style="list-style-type: none">• DPE to finalise Assessment Report• Recommendation to IPC• IPC meeting and assessment• IPC recommendation• EPBC Act approval• Determination of Application. <p>TT advised that there was no buffer on the northern boundary and expressed concern for the impact of the project on the adjoining industrial estate. He advised that the report in the EIS had recommended a 90m buffer which was not included in the proposal. He queried how the quarry expansion would coexist with the proposed industrial sheds and suggested that the existing 10m buffer posed a risk for the adjoining owner and for Hanson.</p> <p>DK advised that a buffer zone would be established once approval was granted. He advised that there were no factories on the industrial land, and he anticipated that it would be many years before they would be established. DK expected that Hanson would no longer be using the land by the time the industrial estate was built. Further advising that blasting practices had changed, and a different type of blasting would be used to ensure minimal or no impact on neighbours.</p>	
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	<p>TT proposed that early conversations with landowners regarding staging and timing would be good. DK advised that Hanson had changed blasting experts and engaged Orica to get a better shot.</p> <p>Action: DK to contact TT to arrange a time to discuss staging and timing once the flood relief efforts were completed.</p> <p>Action: Include the slides from the presentations with the minutes of the meeting.</p>	
GENERAL BUSINESS	Nil.	
NEXT MEETING	<p>The Chair advised that the next milestone would be the submission of responses and the Independent Planning Commission (IPC) meeting. LA proposed that the next meeting be held at a similar time to the IPC meeting.</p> <p>Action: LA to liaise with members on the next proposed CCC date.</p>	

The meeting closed at 1.42pm with LA thanking all members for their attendance and contribution.

ACTION ITEMS

ITEM	ISSUE	RESPONSIBILITY
1	Contact TT to arrange a time to discuss staging and timing once the flood relief efforts were completed.	DK
2	Include the slides from the presentations with the minutes from the meeting.	BP/LA
3	Liaise with members on the next proposed CCC date.	LA

Site - Current Operations



■ Site current operations

- Current demand for quarry products greater than consented supply.
- Pit development works currently in southwest producing remaining consented resource.
- Traffic management improvement actions currently underway.
- Sustainability actions underway to reduce diesel emissions and improve asset utilisation.

Site - Current Projects



- **Notable recent and current projects**
 - 2021 Flood recovery works including Rocks Ferry Reserve Flood Recover (picture credit PMHC website)
 - PMHC has indicated several hundred individual flood recovery works to be completed over the next several years
- **2022 Northern Rivers flood recovery efforts**
 - Team of Sancrox employees joined others in NSW Hanson to assist in the clean up from the flooding including trailer setup to clean out the mud from houses and businesses as well as 2 truck and dogs to remove bulk debris destroyed by flooding.

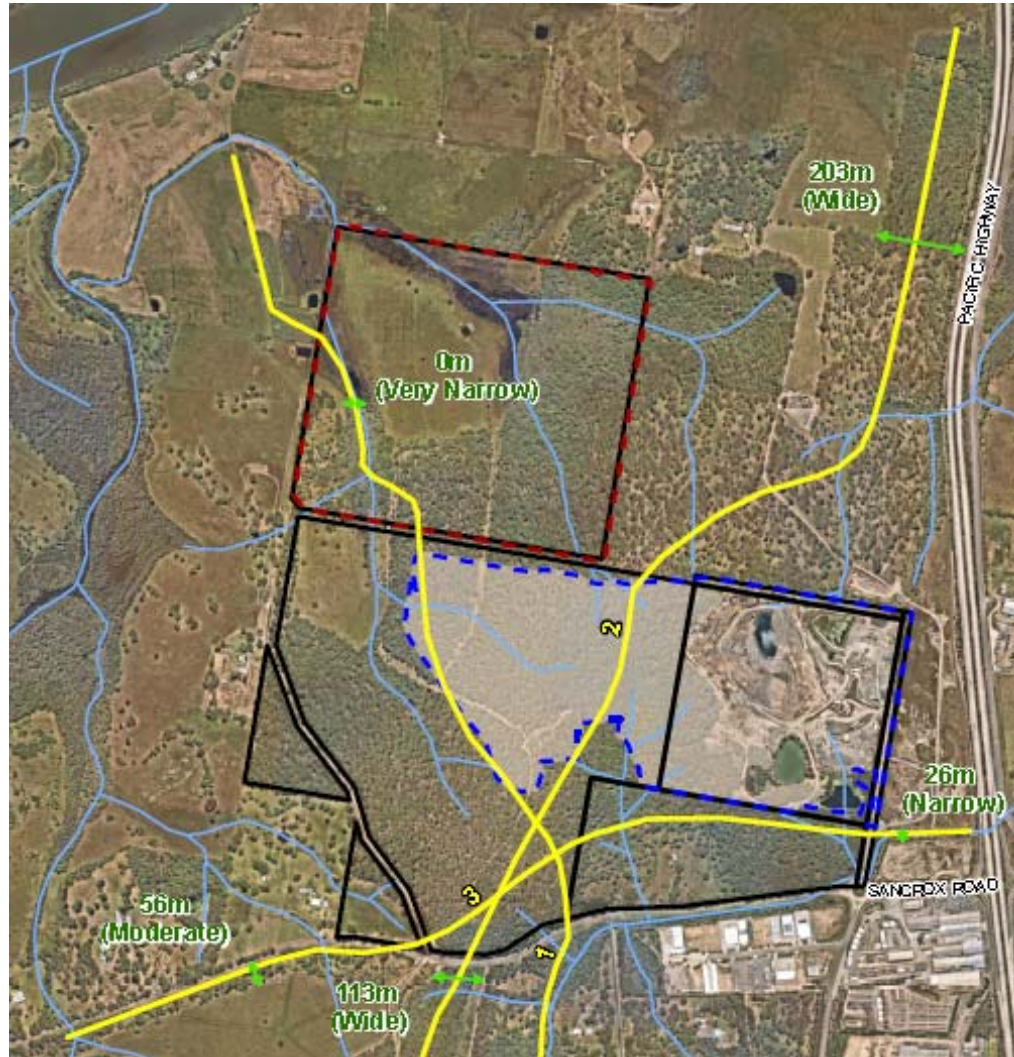
Project Comparisons - Biodiversity

Project Component	EIS (BAR) Biodiversity Impacts	RTS Biodiversity Impacts (% reduction)	Final Project Biodiversity Impacts (% reduction)	Overall Reduction of Project Biodiversity Impacts (% reduction)
Total quarry footprint	60.60 ha	57.55 ha (5 %)	49.90 ha (13 %)	10.70 ha (17.6%)
Total area of vegetation removal	43.10 ha	39.02 ha (9.5 %)	30.40 ha (22 %)	12.70 ha (30 %)
Biodiversity credits required for offsetting	2449 ecosystem credits	2,230 ecosystem credits (219 less credits) 1,026 Koala credits (New credits)	1,701 vegetation credits (529 less credits) 789 Koala credits (237 less credits)	923 ecosystem credits (37.7 %) 237 Koala credits (23 %)

Biodiversity – Key Points

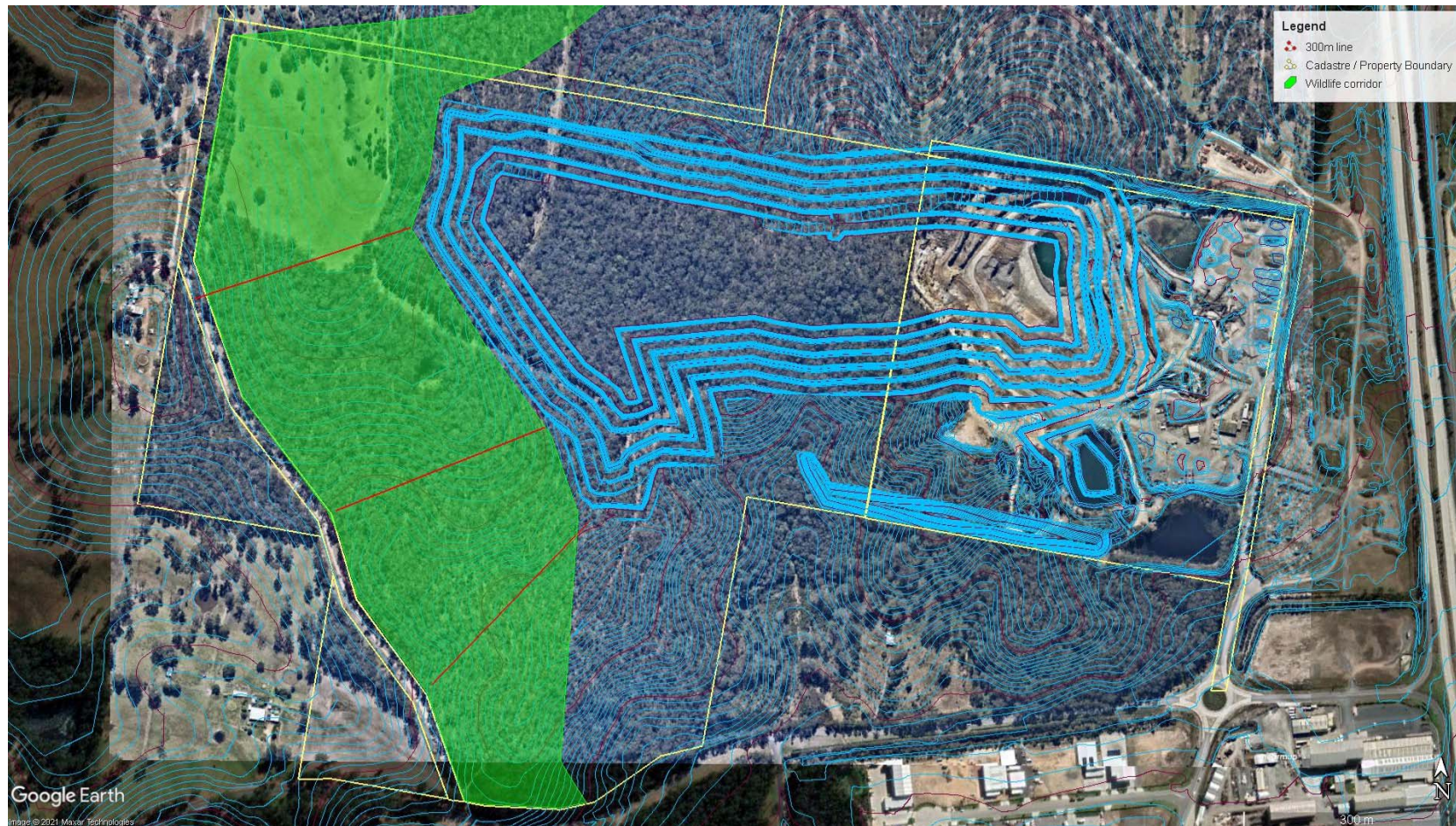
- **Stripping to only occur one year at a time, on a campaign basis.**
 - Allows safer movement of Fauna, reduces unnecessary stripped land views and ensures minimum amount of disturbed land impacting dust levels.
- **On approval, immediate revegetation of cleared/paddock Hanson lands**
 - Ensures the retention of the North/South Biodiversity Corridor, on the western boundary of the site.
 - Widest corridor width outside of Hanson is 113m (south of Sancrox Rd).
 - Revegetation with ensure min. Corridor width of ~280m, within Hanson property.

Site Connecting Links (outside of Property)



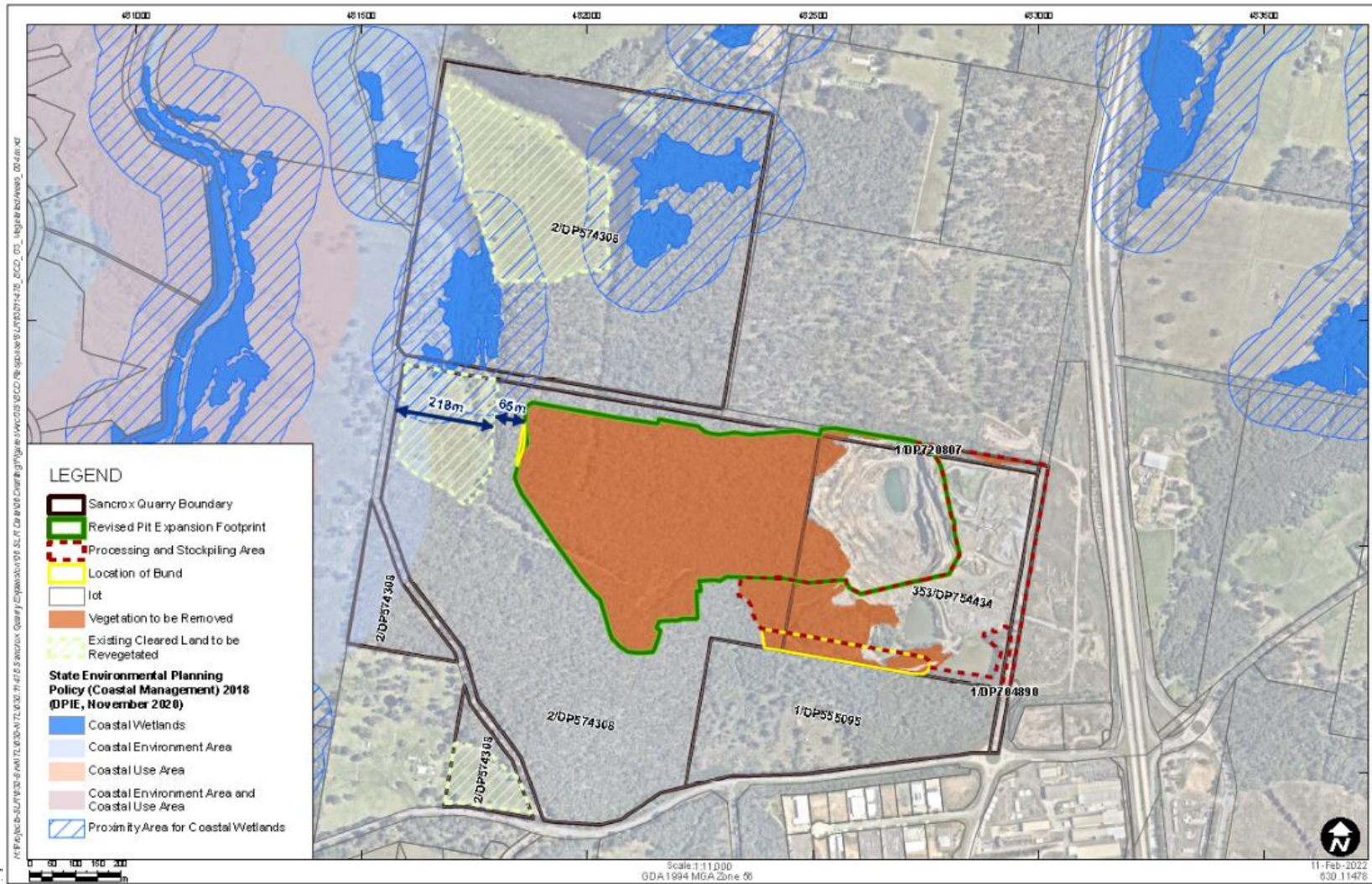
Slide 5 - dd.mm.yyyy
Name of presentation - author

Site Connecting Links – within site property



Slide 6 - dd.mm.yyy
Name of presentation - author

Vegetation within wider study area and corridor revegetation



Slide 7 - dd.mm.yyy
Name of presentation - author

Project Comparisons - Economic

EIS Final Stage (Stage 4) Quarry Volume	Final Project Final Stage (Stage 3) Quarry Volume	Overall Volume Loss	Overall Loss (AUD) to local and regional economy
41,190,900 tonnes	27,122,735 tonnes	-14,068,166 tonnes	Up to \$350,000,000

Dust Mitigation & Management – Key Points

■ Requirements to prevent/minimise particulate matter emission AKA dust

- Modernisation with new Quarry Plant
 - Crushers and screens fitted with wet suppression system
- Dust extraction system implemented for all drilling at the quarry
- Dust suppressant regularly applied to all unsealed haul roads
- Dry product stored in bays enclosed on three sides & fitted with water sprays
- Utilisation of Trigger Action Response Plan (TARP)
 - 1-hour average used to identify sustained elevated dust concentration. Time-step allows time for additional mitigation measures to be implemented at the quarry.
 - Alarmed to notify Quarry personnel.
 - Managed via the Air Quality Management Plan, as approved by EPA and Dept. Planning and Environment.

Trigger Action Response Procedure (TARP) example

Table 5: Example of a TARP procedure

Action level	Trigger level	Response
Alert	$X \leq PM_{10} \leq Y$	<ul style="list-style-type: none"> ■ Quarry management to review wind direction and environmental conditions to determine if elevated emissions are originating from the quarry or sourced from another local or regional source/event. ■ Quarry management to confirm all standard mitigation practices are being followed and remain alert as to any further increase in PM_{10} concentrations that may require further action.
Action I	$Y \leq PM_{10} \leq Z$	<ul style="list-style-type: none"> ■ Exceedance of interim trigger level will alert quarry management of increase in short term PM_{10} concentrations. ■ Will prompt review of the need to increase / relocate water where required based on visible dust etc. ■ Even if elevated PM_{10} concentration is concluded to be due to elevated background concentrations rather than emissions from the Quarry, steps will be taken to minimise the additional incremental impacts from the Quarry where possible.
Action II	$Z \leq PM_{10}$	<ul style="list-style-type: none"> ■ Direct action by Quarry management to reduce emission levels. For example, assessing whether dust-generating activities (including processing, load and haul, unloading activities) are to be temporarily stopped or relocated until conditions improve.

The trigger levels X, Y and Z are not yet defined as these levels will be dependent on the location of the air quality monitor and its proximity to the boundary. These will be defined in the AQMP.

Timeline – Next Steps

- **DPE to finalise Assessment Report**
- **Recommendation to IPC**
- **IPC meeting and assessment**
- **IPC recommendation**
- **EPBC Act approval**
- **Consent Approval**
 - Prior to commencement date
 - Management Plan approvals – requiring various government agency consultation
 - Installation of monitoring equipment (Air Quality/Dust, weather station)
 - Surveying plan completed