



DIXON SAND

MINUTES OF THE BI-ANNUAL COMMUNITY CONSULTATIVE COMMITTEE WEDNESDAY 9 NOVEMBER 2022 GLENORIE RSL CLUB

PRESENT	NAME	ORGANISATION
	Lisa Andrews (LA)	Independent Chairperson
	Kristine McKenzie (KM)	The Hills Shire Council Representative
	Daniel Giffney (DG)	The Hills Shire Council Representative
	Pat Schwartz (PS)	Community Representative
	Lisa Aylward (LAY)	Maroota Public School Representative
	Hunny Churcher (HC)	Environmental Officer, Dixon Sand
	Mark Dixon (MD)	Dixon Sand
	Melissa Mass (MM)	Dixon Sand - Ecologist
	David Dixon (DD)	General Manager, Dixon Sand
	Timothy Baker (TB)	Bush Regeneration Contractor (Bush-It)
	Farley Roberts (FR)	Community Representative
	Jamie Baker (JB)	Dixon Sand - Business Development Manager <i>[observer]</i>
	Tiarna Schinella (TS)	The Hills Council (Trainee EHO) <i>[observer]</i>
	Zoe Ridgway (ZR)	Bush-It alternate representative <i>[observer]</i>
APOLOGIES	Jemma Roberts (JR)	Community Representative (alternate)
	Robert Buckham (RB)	The Hills Shire Council Representative


WELCOME & INTRODUCTION	LA opened the meeting at 1pm following a light luncheon. All members were welcomed and LA acknowledged that HC was attending the meeting in person. LA introduced Zoe Ridgway, Jamie Baker and Tiarna Schinella as observers.											
DECLARATIONS OF INTEREST	LA declared that she is approved by the Department of Planning and Environment to chair the meeting and engaged by Dixon Sand.		No changes to previous declarations by members.									
BUSINESS ARISING FROM PREVIOUS MEETING (12/5/21)	<table><tr><th>Item</th><th>Issue</th><th>Responsibility</th></tr><tr><td>1</td><td>Follow-up response from Robyn Preston MP regarding the school zone (held over) – Nothing received back yet.</td><td>LA</td></tr><tr><td></td><td>KM to provide further information to MD on the diesel pump noise complaint. Following</td><td></td></tr></table>			Item	Issue	Responsibility	1	Follow-up response from Robyn Preston MP regarding the school zone (held over) – Nothing received back yet.	LA		KM to provide further information to MD on the diesel pump noise complaint. Following	
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	<div>investigation it was determined that the complaint referred to an adjoining property. Dixon Sand passed on to the relevant person. Complete.</div>	
	No other business arising.	
CORRESPONDENCE (as emailed with Meeting Notice on 13/10/22 with 1 additional item)	<ul style="list-style-type: none"> 17/5/22 – Email from Robyn Preston MP's office stating that they are continuing to follow up The Hills Council for a response. 1/6/22- Draft minutes sent to members for review 14/6/22 – Email to members with the finalised minutes 8/7/22 – Email from HC advising that the Haerses Road Quarry - DA Modification 5 has been approved by DPE. 21/7/22 – Email from HC advising about the Haerses Road Quarry - EPBC 2015/7608 Variation of Conditions. 13/9/22 – Email from RWCorkery Co, appointed consultants, asking for input from CCC members on the IEA process. Forwarded to CCC members for feedback. 5/10/22 – Email to RWCorkery Co advising that no comments had been received from CCC members for inclusion in the Independent Audit. 5/10/22 – Email from HC advising that the Dixon Sand Quarries - Annual Review 2021-2022 are available on the project website. 13/10/22 – Email to CCC members with the Meeting Notice, Agenda, and Correspondence Report for this meeting and seeking interest in a site inspection. Responses received. 17/10/22 – Email to CCC members confirming that site inspection will proceed following the CCC. 7/11/22 – Email to members with the reminder for this meeting. 	
PROJECT REPORT, INCLUDING PRODUCTION/SALES	<p>DD advised that ONR's current operations are slowly shifting some products to Haerses Rd. Trying to balance out between the two sites to have a good run to Christmas.</p> <p>Haerses Rd is shifting some product from ONR site for future expansion for brickies sand, sand stone cutting and building blocks. Currently in the initial stages with sales very strong; mainly with sporting fields and golf courses. The building industry is also going strong.</p> <p>Credits have been retired (2A & 3B), waiting on things to dry out as it is too wet to get machinery in. Pre-clearance surveys will need to be redone prior.</p>	Questions asked and answered throughout the presentation.
HAERSES ROAD QUARRY (DEVELOPMENT CONSENT – MOD 5)	<p>MOD 5 was approved in June.</p> <ul style="list-style-type: none"> Relocation of the approved site office, maintenance shed and weighbridge to the Tertiary Sand extraction area in Stage 2 Minor increase in footprint of the site infrastructure envelope New extraction method within Sandstone Extraction Areas A and B using an excavator with 	See – Slides 9-10 (map)

	<p>an enclosed (less noise) hydraulic circular saw attachment to produce large blocks of sandstone to supplement the approved dozer ripping method.</p> <ul style="list-style-type: none"> ○ Designated Sandstone cutting workshop 	
ONR – Mod 6 Extraction within Crown Land – Old Northern Rd Quarry Lot 196	<p>ONR - Mod 6 proposal - Extraction within existing cells to maximise resource.</p> <ul style="list-style-type: none"> • Dixon Sand currently extracting within Crown Lands under Mod 3 approval "Cons Hills" to within 2m of active groundwater level. • Dixon Sand holds current agreement with Crown Lands to extract remaining resource within Lot 196 in Crown Land subject to approval by consent authority. Resource >5 mill tonne • Proposal is for further extraction of sand and sandstone materials within the existing previously extracted cells to greater depth utilising existing site infrastructure/existing movements • maximise resource of existing extraction cells within groundwater limits • no changes to development outputs (truck movements, plant processing rates) • Cells to be rehabilitated using tailings and importation of clean fill for rehab (VENM/ENM) • Update Noise and Air Quality assessments for compliance with latest legislation <p>DD explained that Lot 196 is leased but the first 15.24m of land is free hold, then the rest is Crown Land, which holds about 6-8Mt of resource.</p> <p>PS asked what the overburden was. MD responded that it was silt, no trees, with sandstone below 5-6m.</p> <p>DD commented that works need to stay above the aquifer.</p>	See – Sides 11(map) -12
ENVIRONMENTAL MONITORING RESULTS	Maps and explanation of points for environmental monitoring.	See Maps in Slides: 13-18
TEOM DATA	<ul style="list-style-type: none"> ○ TEOM and Meteorological station records PM10 levels and weather data such as rain, temperature, wind etc. ○ Monitoring Criteria – <ul style="list-style-type: none"> • Long term: Annual PM10 average (light blue line) should not exceed the annual average criteria (pink line – 30µg/m3) – • Short term: 24hr PM10 average (blue bars) should not exceed the 24hr PM10 NEPM Criteria (yellow line – 50µg/m3) – • Short term: If the 24hr PM10 EPL Criteria Level (green line – 42µg/m3) is exceeded by the 24hr PM10 	See Slides 19-20 (map)

	<p>average (blue bars), and the prevailing wind is from the specific quadrant Dixon Sand is required to:</p> <ul style="list-style-type: none">• Notify EPA• Take immediate action to reduce PM10 levels• Stop works if levels do not fall below 42µg/m3 within 1 hour <p>○ TEOM station represent the EPL Points 1 & 3</p>													
DEPOSITIONAL DUST DATA	<p>Dust data for this monitoring period: Jul – Oct 2022</p> <table><tr><th>Location</th><th>Dust Gauge</th></tr><tr><td rowspan="4">Old Northern Road</td><td>D1A Access road</td></tr><tr><td>D4 Rehab area</td></tr><tr><td>D5 Bundwall</td></tr><tr><td>D7 Mullock Heap</td></tr><tr><td rowspan="4">Haerses Road</td><td>D8 Olive Grove</td></tr><tr><td>D10 Haerses Road (EPL Point 3)</td></tr><tr><td>D11 Receiver R6</td></tr><tr><td>D12 Receiver R8</td></tr></table>	Location	Dust Gauge	Old Northern Road	D1A Access road	D4 Rehab area	D5 Bundwall	D7 Mullock Heap	Haerses Road	D8 Olive Grove	D10 Haerses Road (EPL Point 3)	D11 Receiver R6	D12 Receiver R8	See Slides 20-30 (maps)
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	D12 Receiver R8													
NOISE MONITORING	<p>ONR & Haerses Rd:</p> <p>Tables of noise monitoring locations indicating: Receivers, property addresses, descriptions and extrapolated monitoring results.</p>	See Slides 31-36 For location of monitoring sites and summary of data.												
GROUND WATER MONITORING	<p>GW Monitoring wells</p> <ul style="list-style-type: none">• ONR 11 x BH• HR 9 x BH (original extraction in Tertiary Sand)• HR 13 x BH (100 MTSGS Buffer zone for Mod 1 extraction cells) <p>GW levels:</p> <ul style="list-style-type: none">• Monthly + continuous data loggers <p>GW quality sampling & lab analysis:</p> <ul style="list-style-type: none">• 6 monthly sampling and testing	Graphs explained - See Slides 37-51 (maps)												
SURFACE WATER MONITORING	<p>ONR</p> <ul style="list-style-type: none">• SW19 = Surface water monitoring at creek on Lot 196• LDP1 = EPL 3916 Licenced Discharge Point at Weir of Main Water Channel <p>HR</p> <ul style="list-style-type: none">• SW1 = Surface water monitoring at creek east of extraction Stage 2 East (inside the Biodiversity Offset Area)• SW2 = Surface water monitoring at creek west of extraction Cell 1A (Mod 1)• Basin 1	Graphs/Tables explained - See Slides 52-55												
BUSH REGENERATION WORKS	<p>TB provided the following presentation:</p> <p><u>Old Northern Rd Works Areas:</u></p> <p><u>Rehabilitation of Lot 196</u></p> <p>Challenges</p> <ul style="list-style-type: none">• Machinery-compacted soils on North-facing aspect• Extensive infestations of exotic tussock grass	See photographs in Slides 57-65												

	<p>Achievements:</p> <ul style="list-style-type: none"> • Treatment of exotic grass to prevent seed-set and spread. • Revegetation with shrubs and grasses. <p>Future Works</p> <ul style="list-style-type: none"> • Continued revegetation with locally endemic shrubs and grasses • Brush matting bare areas • Preparation of areas for small scale translocation of soil and leaf litter gathered in remnant bush adjacent to the site. <p><u>Assisted Regeneration - Native Vegetation Corridor (NVC)</u></p> <p>Challenges</p> <ul style="list-style-type: none"> • Minimal microbial and mycorrhizal fungi • Infestation of exotic grasses <p>Achievements</p> <ul style="list-style-type: none"> • Treatment of exotic grass has prevented seed-set and spread. • Propagation of brush-matted material <p>Future Work</p> <ul style="list-style-type: none"> • Continue to cull assertive shrub species to promote diversity • 25 Melaleuca deanii to be planted soon <p><u>Assisted Regeneration - Native Vegetation Corridor</u></p> <p>The 6 months to November has seen:</p> <ul style="list-style-type: none"> • Outstanding new growth of native species • Encouraging growth of Melaleuca deanii plantings • Excellent natural recruitment from the seed bank. • Selective dieback of certain species due to excessive moisture levels • Due to the wet conditions we have stayed off this area <p><u>Rehabilitation of Lot 2</u></p> <p>Challenges</p> <ul style="list-style-type: none"> • Excess nutrients, herbivory and BMAD • Extensive infestation of Bamboo, Lantana and exotic grass <p>Achievements</p> <ul style="list-style-type: none"> • Treatment of exotic grass to prevent seed-set and spread. • Control of Lantana in order to address BMAD • Bulk of the work has been undertaken here in the last 6 months due to access issues <p>Future Work</p> <ul style="list-style-type: none"> • Continued revegetation of disturbed grassy areas • 200 native canopy trees to be planted soon? 	<p>TB commented that it was the “best translocation site in Australia”.</p>
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	<p>Assisted Regeneration - Haerses Road Biodiversity Offset</p> <p>Challenges</p> <ul style="list-style-type: none"> • Encroachment of invasive species along an extended edge and along drainage lines <p>Achievements</p> <ul style="list-style-type: none"> • Treatment of Crofton Weed along edge and down drainage lines • Manual treatment and minimal herbicide use has resulted in a dense buffer of native shrubs and canopy species. <p>Future Work</p> <ul style="list-style-type: none"> • Continued monitoring for incursions along the leading edge <p>Haerses Rd - Translocation</p> <p>Challenges</p> <ul style="list-style-type: none"> • Dominance of assertive native canopy species – Kunzea, Melaleuca and Acacia spp. • Infestation by invasive exotic grasses <p>Achievements</p> <ul style="list-style-type: none"> • Treatment of exotic grass to prevent seed-set and spread. • Select thinning of assertive native canopy species has promoted understorey natives. • Control of Crofton weed throughout <p>Future Work</p> <ul style="list-style-type: none"> • Continued treatment of grasses • Thinning of assertive native canopy <p>PS enquired if there were any yellow belly gliders? TB advised that he has heard them, but not seen them. FR advised that he has had some in his house. Discussions ensued regarding possible species.</p> <p>MD asked TB if they were ever asked to undertake controlled burns. TB stated that sometimes they work with RFS.</p> <p>DG recalled the 2019 bush fires and the impact that the smoke had on the seed banks causing regeneration.</p>	
<p>BIODIVERSITY AND REHABILITATION (Threatened Species Update)</p>	<p>MM provided the following presentation:</p> <p>Biodiversity and Rehabilitation Annual Report 2022</p> <p> The Biodiversity and Rehabilitation Annual Report for ONR identifies native flora and fauna within the Native Vegetation Corridor and the Haerses Road Biodiversity Offset Area, it monitors the success of the rehabilitation area within the NVC and describes the current condition of threatened flora and fauna and their habitats within the Old Northern Road site and the HRBOA.</p>	<p>See Slides 65 – 77 (see photographs)</p>

	<ul style="list-style-type: none"> The HR Biodiversity and Rehabilitation Annual Report identifies native flora and fauna onsite and monitors rehabilitation which is beginning to occur within the site. Both Biodiversity and Rehabilitation Annual Reports for 2022 were completed in September and submitted with the Annual Review on the 30th September. The results found the rehabilitation areas are thriving and increasing in diversity and density. Ideal growing conditions with favourable temperatures and regular rainfall has improved the overall biodiversity of the NVC and HRBOA sites. <p>Discussions regarding the <i>Melaleuca deanii</i>. There are 25 plants ready to go in the ground now, which will put the site up to 86 plants in the ground. MM commented that Dixon Sand were under no obligation to transport the <i>Melaleuca deanii</i> (old mother plant) and they should be commended for attempting to do this.</p> <p>DG commented on the genetic diversity of the plants as they may have a limited life span.</p> <p>DD informed the CCC that this is the bench mark site, compared to others.</p>	
INSPECTION AND ADMINISTRATIVE MATTERS	<p>Independent Environmental Audit</p> <ul style="list-style-type: none"> – October 2019 to October 2022 – Site Inspection on 18th October 2022. 	Slide 77
GENERAL BUSINESS	<ul style="list-style-type: none"> LAy asked if representations to Robyn Preston MP could include bigger signs (60km) as you come into Maroota where Sunrise Nursery is (corner Wisemans Ferry Rd & Old Northern Rd). Signs should be placed further back 	
MEETING SCHEDULE FOR 2023	<p>It was agreed that the CCC would continue to meet bi-annually (May and November), accordingly, LA proposed the following dates:</p> <ul style="list-style-type: none"> Wednesday 3 May 2023; and Wednesday 8 November 2023 <p>Glenorie RSL - 12.30pm with a light lunch, followed by the CCC commencing at 1pm.</p>	Agreed.

The meeting was closed at 2:32pm with the chair thanking all members for their attendance and as it was the last meeting for 2022, acknowledging their contribution throughout the year. Members were invited to drive to Haerses Rd Quarry to undertake the site inspection.

ACTION ITEMS.

Item	Issue	Responsibility
1	Follow-up response from Robyn Preston MP regarding the school zone (held over) and include request for larger 60kph signs (near corner of Wisemans Ferry Rd and Old Northern Rd)	LA