



# **DIXON SAND**

## **MINUTES OF THE BI-ANNUAL COMMUNITY CONSULTATIVE COMMITTEE 13 MAY 2022 GLENORIE RSL CLUB - GLENORIE**

<b>PRESENT</b>	<b>NAME</b>	<b>ORGANISATION</b>
	Lisa Andrews (LA)	Independent Chairperson
	Kristine McKenzie (KM)	The Hills Shire Council Representative
	Pat Schwartz (PS)	Community Representative
	Lisa Aylward (LAY)	Maroota Public School Representative <i>[arrived at 1.04pm]</i>
	Hunny Churcher (HC) <i>via video-conference</i>	Environmental Officer, Dixon Sand
	Mark Dixon (MD)	Dixon Sand
	Melissa Mass (MM)	Dixon Sand - Ecologist
<b>APOLOGIES</b>	David Dixon (DD)	General Manager, Dixon Sand
	Farley Roberts (FR)	Community Representative
	Jemma Roberts (JR)	Community Representative (alternate)
	Timothy Baker (TB)	Bush Regeneration Contractor (Bush-It)
	Robert Buckham (RB)	The Hills Shire Council Representative
	Jeff Gibbs (JG)	Bush-It alternate

<b>WELCOME &amp; INTRODUCTION</b>	LA opened the meeting at 1pm following a light luncheon. All members were welcomed and LA introduced HC who was participating via video-conferencing.							
<b>DECLARATIONS OF INTEREST</b>	LA declared that she is approved by the Department of Planning and Environment to chair the meeting and engaged by Dixon Sand.	<b>No changes to previous declarations by members.</b>						
<b>BUSINESS ARISING FROM PREVIOUS MEETING (12/5/21)</b>	<table border="1"> <thead> <tr> <th>Item</th><th>Issue</th><th>Responsibility</th></tr> </thead> <tbody> <tr> <td>1</td><td>Follow-up response from Robyn Preston MP regarding the school zone (LA followed up Robyn Preston MP's office. Still no response; will send through any information received to CCC members). Heldover.</td><td>LA</td></tr> </tbody> </table>	Item	Issue	Responsibility	1	Follow-up response from Robyn Preston MP regarding the school zone (LA followed up Robyn Preston MP's office. Still no response; will send through any information received to CCC members). Heldover.	LA	
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1	Follow-up response from Robyn Preston MP regarding the school zone (LA followed up Robyn Preston MP's office. Still no response; will send through any information received to CCC members). Heldover.	LA						
<b>CORRESPONDENCE (as emailed with Meeting Notice on</b>	<ul style="list-style-type: none"> <li>18/11/21 - Draft minutes sent to members for review</li> </ul>							


<p><b>2/5/22 with 1 additional item)</b></p>	<ul style="list-style-type: none"> <li>• 27/11/21 - Email to members with the finalised minutes.</li> <li>• 25/3/22 – Email to members with proposed dates to reschedule May 2022 meeting. (Responses received).</li> <li>• 2/5/22 – Email to Roby Preston MP’s office requesting an update on the school zone issue. (2 years, since initial enquiry made.)</li> <li>• 2/5/22 – Email to CCC members with the Meeting Notice, Agenda and Correspondence Report for this meeting.</li> <li>• <a href="#">12/5/22 – Email to members with the reminder for this meeting.</a></li> </ul>	
<p><b>PROJECT REPORT, INCLUDING PRODUCTION/SALES</b></p> <p><b>OLD NORTHERN ROAD EXPANSION PROPOSAL</b></p> <p><b>HAERSES ROAD QUARRY</b></p>	<p>MD advised that the last six months have been very busy. There were record sales in April 2022.</p> <p>MD outlined that Dixon Sand is proposing to expand into Lot 1/DP204159 directly across from the existing intersection to allow for increased demand in spec and construction sands at the Old Northern Rd Quarry. The expansion of “spec” sand has assisted with its market in high performance sports grounds (including Brookvale Oval, Alliance Stadium, Sydney Football Stadium and various golf courses). Dixon Sand completed a preliminary environmental assessment for this site in 2015 and lodged an application with the Dept of Planning, however the SEARS have now lapsed and will be required to be resubmitted. Dixon Sand has been looking at access options for the site and plan to lodge a preliminary assessment shortly.</p> <p>KM asked if COVID has impacted on the site with MD responding, yes, a lot of staff have had it. KM asked if Dixon Sand were still able to operate during the ongoing wet weather. MD advised that the company and its customers have ‘buffer’ procedures in place there are a few days of supplies to meet customers’ demands and some have their own stock yards.</p> <p>Development Consent Mod. 5:</p> <ul style="list-style-type: none"> <li>• DPE currently finalising Assessment report, Notice of Modification and the revised Consent Conditions: <ul style="list-style-type: none"> <li>○ Relocation of the approved site office, maintenance shed and weighbridge to an area adjacent to Lot 177.</li> <li>○ Minor increase in internal floor dimensions (approx. 1,150 m2 plus awning) and Sandstone cutting in the proposed relocated workshop</li> <li>○ Modification under Section 4.55(1A) of EP&amp;A Act 1979</li> </ul> </li> </ul>	<p><b>Questions asked and answered throughout the presentation.</b></p> <p><b>See – Slides 6-11</b></p>

ENVIRONMENTAL MONITORING RESULTS	The presentation showed the: 1. Environmental Monitoring Locations 2. TEOM – PM10 data 3. Dust Deposition 4. Noise 5. Ground water and Surface Water 6. Inspections and Administrative Matters.	See Maps in Slides: 12-17												
TEOM DATA	TEOM and Meteorological station records PM10 levels and weather data such as rain, temperature, wind etc.  <b>Monitoring Criteria</b> <ul style="list-style-type: none"><li>○ Long term: Annual PM10 average (light blue line) should not exceed the annual average criteria (pink line – 30µg/m3)</li><li>○ Short term: 24hr PM10 average (blue bars) should not exceed the 24hr PM10 NEPM Criteria (yellow line – 50µg/m3)</li><li>○ Short term: If the 24hr PM10 EPL Criteria Level (green line – 42µg/m3) is exceeded by the 24hr PM10 average (blue bars), and the prevailing wind is from the specific quadrant Dixon Sand is required to:<ul style="list-style-type: none"><li>• Notify EPA</li><li>• Take immediate action to reduce PM10 levels</li><li>• Stop works if levels do not fall below 42µg/m3 within 1 hour</li></ul></li><li>• TEOM station represent the EPL Points 1 and 3.</li></ul>	See Slides 18-19												
DEPOSITIONAL DUST DATA	Data and graphs explained for all sites for the monitoring period July 2021 to May 2022. <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 20-29
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NOISE MONITORING	The 6-monthly noise monitoring program and data was explained for ONR. Noise monitoring results demonstrated compliance with noise criteria.  Noise Monitoring for HR; no non-compliances.	See Slides 30-35 For location of monitoring sites and summary of data.												
GROUND WATER MONITORING	GW Monitoring wells: – 11 x BHs at ONR – 9 x BHs at HR (original extraction in Tertiary Sand)	Graphs explained - See Slides 36-50												

	<p>– 13 x BHs at HR (new – 100 MTSGS Buffer zone for Mod 1 extraction cells)</p> <p>GW levels: monthly + continuous data loggers</p> <p>GW quality sampling &amp; lab analysis: – 6 monthly sampling and testing.</p>	
<b>SURFACE WATER MONITORING</b>	<p><b>ONR</b></p> <ul style="list-style-type: none"> <li>• SW19 = Surface water monitoring at creek on Lot 196</li> <li>• LDP1 = EPL 3916 Licenced Discharge Point at Weir of Main Water Channel</li> </ul> <p><b>HR</b></p> <ul style="list-style-type: none"> <li>• SW1 = Surface water monitoring at creek east of extraction Stage 2 East (inside the Biodiversity Offset Area)</li> <li>• SW2 = Surface water monitoring at creek west of extraction Cell 1A (Mod 1)</li> <li>• Basin 1 = Surface water monitoring at in-pit sump of the new extraction Cell 1A (Mod 1)</li> </ul>	<b>Graphs explained - See Slides 51-55</b>
<b>INSPECTION &amp; ADMINISTRATIVE MATTERS</b>	<ul style="list-style-type: none"> <li>○ DPE Site Compliance Inspection – both quarries</li> <li>○ HR EPBC Consent Condition Variation</li> <li>○ HR EPL 12513 Variation</li> </ul>	<b>56</b>
<b>BUSH REGENERATION WORKS</b>	<p>A summary of assisted bush regeneration work for the period November 2021 to May 2022. In the absence of a Bush-It representative, HC presented on the bush regeneration works:</p> <p><b>Rehabilitation of Lot 196</b></p> <p><b>Challenges</b></p> <ul style="list-style-type: none"> <li>○ Machinery-compacted soils on North-facing aspect</li> <li>○ Extensive infestations of exotic tussock grass</li> </ul> <p><b>Achievements:</b></p> <ul style="list-style-type: none"> <li>○ Treatment of exotic grass to prevent seed-set and spread.</li> <li>○ Revegetation with shrubs and grasses that commenced in October 2021</li> </ul> <p><b>Future Works</b></p> <ul style="list-style-type: none"> <li>○ Continued revegetation with locally endemic shrubs and grasses</li> <li>○ Manual removal of couch grass and preparation of areas for translocation of soil and leaf litter gathered in remnant bush adjacent to the site.</li> </ul> <p><b>Assisted Regeneration - Native Vegetation Corridor (NVC)</b></p> <p><b>Challenges</b></p> <ul style="list-style-type: none"> <li>○ Minimal microbial and mycorrhizal fungi</li> <li>○ Infestation of exotic grasses</li> </ul>	<b>See photographs in Slides 57-65</b>

	<p><b>Achievements</b></p> <ul style="list-style-type: none"> <li>○ Treatment of exotic grass has prevented seed-set and spread.</li> <li>○ Propagation of brush-matted material</li> </ul> <p><b>Future Work</b></p> <ul style="list-style-type: none"> <li>○ Continue to cull assertive shrub species to promote diversity</li> <li>○ 25 <i>Melaleuca deanii</i> to be planted in spring.</li> </ul> <p><b>Assisted Regeneration - Native Vegetation Corridor</b></p> <p>The 6 months to May has seen:</p> <ul style="list-style-type: none"> <li>○ Outstanding new growth of native species</li> <li>○ Encouraging growth of <i>Melaleuca deanii</i> plantings</li> <li>○ Excellent natural recruitment from the seed bank.</li> </ul> <p><b>Rehabilitation of Lot 2</b></p> <p><b>Challenges</b></p> <ul style="list-style-type: none"> <li>○ Excess surface water flows and waterlogged soils</li> <li>○ Extensive infestation of bamboo, lantana and exotic grass</li> </ul> <p><b>Achievements</b></p> <ul style="list-style-type: none"> <li>○ Treatment of exotic grass to prevent seed-set and spread.</li> <li>○ Removal of bamboo and 'fern garden' regeneration</li> <li>○ Removal of lantana and recovery of native species</li> </ul> <p><b>Future Work</b></p> <ul style="list-style-type: none"> <li>○ Continued revegetation of disturbed grassy areas</li> <li>○ 200 native canopy trees to be planted using locally sourced seed</li> </ul> <p><b>Assisted Regeneration - Haerses Road Biodiversity Offset</b></p> <p><b>Challenges</b></p> <ul style="list-style-type: none"> <li>○ Encroachment of invasive species along an extended edge and along drainage lines</li> </ul> <p><b>Achievements</b></p> <ul style="list-style-type: none"> <li>○ Treatment of exotic grass to prevent seed- set and spread.</li> <li>○ Manual treatment and minimal herbicide use has resulted in a dense buffer of native shrubs and canopy species.</li> </ul> <p><b>Future Work</b></p> <ul style="list-style-type: none"> <li>○ Continued monitoring for incursions along the leading edge</li> </ul> <p><b>Haerses Rd - Translocation</b></p> <p><b>Challenges</b></p> <ul style="list-style-type: none"> <li>○ Dominance of assertive native canopy species – <i>Kunzea</i>, <i>Melaleuca</i> and <i>Acacia</i> spp.</li> <li>○ Infestation by invasive exotic grasses</li> </ul>	
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	<p><b>Achievements</b></p> <ul style="list-style-type: none"> <li>○ Treatment of exotic grass to prevent seed-set and spread.</li> <li>○ Select thinning of assertive native canopy species has promoted understorey natives.</li> </ul> <p><b>Future Work</b></p> <ul style="list-style-type: none"> <li>○ Continued treatment of grasses</li> <li>○ Thinning of assertive native canopy</li> </ul>	
<b>BIODIVERSITY AND REHABILITATION</b>	<p>MM provided a comprehensive presentation on the Biodiversity and Rehabilitation annual report, monitoring results and threatened species update.</p> <p>Biodiversity and Rehabilitation Annual Report 2022</p> <ul style="list-style-type: none"> <li>○ The Biodiversity and Rehabilitation Annual Report 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.</li> <li>○ The 2021 Biodiversity and Rehabilitation Annual Report was completed in September and submitted with the Annual Review on the 29th of September.</li> <li>○ 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.</li> <li>○ Survey work has begun for the preparation of the 2022 report.</li> </ul> <p>Photographs were shown of:</p> <ul style="list-style-type: none"> <li>● Threatened species in rehab areas</li> <li>● Other threatened species at ONR</li> <li>● Threatened species at HRBOA</li> <li>● Explanation of Bird calls ONR Rehab area</li> </ul> <p><b>BCT Reporting</b></p> <p>Annual Passive Management Report for year 3 was completed in February - Passive Management at Haerses Road and Porters Road continues.</p>	<p><b>See Slides 66 – 74</b></p> <p><b>Slide 75</b></p>
<b>GENERAL BUSINESS</b>	<ul style="list-style-type: none"> <li>○ PS raised the recent review of the DPE CCC guidelines, specifically the ability to conduct joint CCC meetings in an area to discuss cumulative impacts. PS mentioned that there is currently an SSD extractive application before DPE and the community are concerned about the cumulative impacts of another industry in the area contributing to traffic, dust, noise issues, etc.</li> </ul>	

	<ul style="list-style-type: none"> <li>LA commented that whilst the provision in the guidelines does allow for joint meetings, they are often difficult to arrange as companies have concerns with "commercial in confidence" information and consent conditions/licencing requirements vary for each development.</li> <li>MM advised that whilst there are a number of industries in the area, there is only one other CCC (PF Formation).</li> <li>PS commented on the environmental sensitivity of the land for the proposed new development, especially in relation to koala habitat.</li> <li>LA recommended that the issues mentioned by PS should be presented to DPE during the exhibition process. Reiterating that it is the responsibility of DPE to undertake cumulative impact and environmental assessments as part of the application process.</li> <li>KM informed the CCC that Council had received a complaint that a diesel pump had been running through the night. HC sought more information, ie which site, what date, etc.</li> <li>LAY advised that there have been a number of power blackouts in the area recently.</li> </ul>	<b>Action: KM to obtain further information to assist in the investigation of this complaint.</b>
<b>NEXT MEETING</b>	 Wednesday 9 <sup>th</sup> November 2022. On site at <b>12.30pm</b> with a light lunch, followed by the CCC commencing at <b>1pm</b> and possible site inspection.	

***The meeting was closed at 2:53pm with the chair thanking all members for their attendance and MM for driving the video-conferencing and slide presentations.***

#### **ACTION ITEMS.**

<b>Item</b>	<b>Issue</b>	<b>Responsibility</b>
1	Follow-up response from Robyn Preston MP regarding the school zone (held over)	LA
2	KM to provide further information to HC on the diesel pump noise complaint	KM