



# DIXON SAND

## MINUTES OF THE BI-ANNUAL COMMUNITY CONSULTATIVE COMMITTEE 12 MAY 2021 GLENORIE RSL CLUB - GLENORIE

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

<b>WELCOME &amp; INTRODUCTION</b>	LA opened the meeting at 12.58pm following a light luncheon. All members were welcomed and LA advised that HC 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 (13/5/20)</b>	<b>Item</b>	<b>Issue</b>	<b>Responsibility</b>	<b>Members advised that subject area is located in The Hills Shire Council LGA. LA to advise RP. Action.</b>
	1	Follow-up response from Robyn Preston MP regarding the school zone <b>(Complete – RP advised that she had made representations to Hawkesbury City Council)</b>	LA	
	PS advised that the issue of extending the length of the 60km zone at Cattai had been raised at a previous CCC and did not seem to have been addressed. LA to review. <b>Action – see post script at end of these minutes.</b>			
<b>CORRESPONDENCE (as emailed with Meeting Notice on 14/4/21 with 5 additional items)</b>	<ul style="list-style-type: none"> <li>18/11/20 - Draft minutes sent to members for review</li> <li>19/11/20 – Email from HC to members advising of the approved Old Northern Road Quarry EMS &amp; Management Plans from DPIE, which are available on the project website.</li> </ul>			




	<ul style="list-style-type: none"> <li>○ Rehabilitation Bonds</li> <li>○ EMS and Management Plans</li> <li>○ 2 year of Groundwater Monitoring Data within the MTSGS Buffer Zone at Haerses Road</li> <li>○ Annual Reviews</li> </ul>	
<b>ENVIRONMENTAL MONITORING RESULTS</b>	<p>The presentation showed the:</p> <ol style="list-style-type: none"> <li>1. Environmental Monitoring Locations</li> <li>2. Incidents</li> <li>3. TEOM – PM10 data</li> <li>4. Dust Deposition</li> <li>5. Noise</li> <li>6. Ground water; and</li> <li>7. Surface water</li> </ol>	<b>1. See Location Maps in Slides: 11-14</b>
<b>INCIDENT</b>	<p>Exceedance of PM10 air quality on 25-4-21 to 26-4-21 (Sunday/Anzac Day):</p> <ul style="list-style-type: none"> <li>– Reported to DPIE and EPA</li> <li>– Cause of incident was due to scheduled hazard reduction burns across the Greater Sydney and local areas, which are considered as extraordinary events.</li> <li>- The site was non-operational at the time</li> </ul>	<b>See Slides 15-17</b>
<b>TEOM DATA</b>	<p>TEOM and Meteorological station records PM10 levels and weather data such as rain, temperature, wind etc.</p> <p><b>Monitoring Criteria</b></p> <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>	<b>See Slides 18-19</b>
<b>DEPOSITIONAL DUST DATA</b>	Data and graphs explained for all sites for the monitoring period July 2020 to April 2021.	<b>See Slides 20-29</b>

	<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	
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<b>NOISE MONITORING</b>	The 6-monthly noise monitoring program and data was explained for ONR (note HR currently requires annual monitoring if not quarrying in the new Mod 1 extraction cells). Noise monitoring results demonstrated compliance with noise criteria.	<b>See Slides 30-32</b>												
<b>GROUND WATER MONITORING</b>	GW Monitoring wells: – 11 x BHs at ONR – 8 x BHs at HR (original extraction in Tertiary Sand) – 13 x BHs at HR (new – 100 MTSGS Buffer zone for Mod 1 extraction cells)  GW level: monthly + continuous data loggers  GW quality sampling & lab analysis: – 6 monthly sampling and testing (ONR and HR original bores) – Monthly quality sampling and testing (HR MTSGS 100m Buffer)	<b>Graphs explained - See Slides 33-49</b>												
<b>SURFACE WATER MONITORING</b>	<b>ONR</b> • SW19 = Surface water monitoring at creek on Lot 196 • LDP1 = EPL 3916 Licenced Discharge Point at Weir of Main Water Channel  <b>HR</b> • 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)	<b>Graphs explained - See Slides 50-53</b>												
<b>BUSH REGENERATION WORKS</b>	TB presented on the bush regeneration works:  <b>Old nursery site &amp; surrounds</b> Area intensively treated Feb – March to prevent Whiskey grass from seeding. Bare areas brush matted with seeding shrubs. The area is heavily compacted and would benefit from further revegetation to speed up the recovery process.	<b>See photographs in Slides 55 - 62</b>												

	<p><b>NVC – non topsoil section</b></p> <p>Recruitment and recovery witnessed is much slower with minimal microbial and mycorrhizal fungi. However minimal organic matter vastly reduces the ability of weeds to colonise. We have brush matted bare areas with seeding Acacias previously and now the area requires ongoing thinning of dense species i.e. Grevillea buxifolia and allelopathic canopy species.</p> <p><b>NVC – filled section</b></p> <p>Good growth of endangered plantings and excellent natural recruitment from seed bank. Only a very small amount of spot spraying along the edge has been undertaken targeting exotic grasses. Pampass and whiskey grass controlled recently. Thinning also required in this section to promote longer term diversity of species (Learning taken from Haerses road translocation.)</p> <p><b>Lot 1</b></p> <p>Recruitment on mass thanks to wetter than average conditions. We have mainly focused on targeting woody weeds such as Lantana and the occasional patches of Bridal Creeper. Exotic grasses targeted along edges. Predation from herbivores less evident now.</p> <p><b>Lot 2</b></p> <p>Mostly primary/secondary weed control of Lantana in this section. Open more degraded areas require revegetation with canopy species at the appropriate density in July-August. Recommend seed collection from site for future plantings in years to come. Intensive primary works scheduled for June – August.</p> <p>PS enquired that with all the rain is Bush-It keeping an eye on the Crofton weed. TB advised that they were.</p> <p>PS advised that eDNA water testing has found evidence of platypus in a number of sites on Cattai and Little Cattai Creeks. This indicates that they are present but not how well they are doing. Also noting that the koala population appears to be coming back.</p> <p>TB advised that he had seen white breasted sea eagles in the area.</p> <p><b>Biodiversity Offset – Haerses Rd</b></p> <p>Problematic species on disturbed edge next to access road predominantly. Relatively stable now with a dense buffer of competitive grasses and bracken fern.</p>	
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	<p><b>Future works</b></p> <p>Bush-it looks forward to taking on further work to ensure the rehabilitation of sites and the maintenance of remnant ecosystems adjacent to Dixon Sand.</p>	
<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>Photographs and maps were shown and explained.</p> <p><b>Threatened Species Update</b></p> <p>Biodiversity and Rehabilitation Annual Report 2021</p> <ul style="list-style-type: none"> <li>○ The Biodiversity and Rehabilitation Annual Report for 2021 will be completed in September.</li> <li>○ The Annual Report identifies native flora and fauna within the Native Vegetation Corridor and the Haerses Road Biodiversity Offset Area, monitors the success of the rehabilitation area within the NVC and describes the current condition of threatened flora and their habitats within the Old Northern Road site and the HRBOA.</li> <li>○ The rehabilitation areas are thriving and increasing in diversity and density. The overall biodiversity of the NVC and HRBOA is stable.</li> </ul> <p>Photographs were shown of the threatened species in the rehabilitation areas, ONR and HRBOA.</p> <p>Photographs were shown of fauna monitoring (micro bats):</p> <p>10 bat species identified, 5 of them listed as threatened species via the NSW Biodiversity &amp; Conservation Act.</p> <p>MM commented that bats play an important role in the pollination process and also with controlling moths, etc at night.</p> <p>Photographs were shown of the <i>Melaleuca deanei</i> – Propagation:</p> <p>23 larger sized plants.</p> <p>25 smaller sized plants.</p> <p>Larger plants to be planted in May 2021 with smaller plants to be planted Spring 2021.</p> <p><b>BCT Reporting</b></p> <p>Annual Management Report for year 2 has been completed - Passive Management at Haerses Road and Porters Road.</p>	<b>See Slides 63 - 70</b>
<b>GENERAL BUSINESS</b>	<ul style="list-style-type: none"> <li>○ TB thanked Dixon Sand for fixing up the access trails.</li> <li>○ PS thanked Dixon Sand for the lunch.</li> </ul>	

<b>NEXT MEETING</b>	 Wednesday 10 <sup>th</sup> November 2021.  On site at <b>12.30pm</b> with a light lunch, followed by the CCC commencing at <b>1pm</b> .	
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***The meeting was closed at 2:01pm with the chair thanking all members for their attendance.***

#### **ACTION ITEM**

<b>Item</b>	<b>Issue</b>	<b>Responsibility</b>
1	Follow-up response from Robyn Preston MP regarding the school zone	LA
2	Extending the length of the 60km zone at Cattai had been raised at a previous CCC and did not seem to have been addressed.	LA

***Post Script for Action Item 2:*** LA researched the previous minutes. This item was discussed at the extra-ordinary CCC held on 24 February 2020 – extract from minutes:

- PS further commented that the Eastbend committee had raised the issue of speed around the Cattai School, specifically where the speed goes from 80km to 40km during school times (from O'Brians Rd to Millers Rd or Threlkeld Dr – both sides of the school). Discussions on whether the speed should go from 80km to 60km to 40km or whether more signage should be erected, warning drivers of the upcoming school zone (40km). DD mentioned that it may be difficult to alter a main arterial road from 80km to 60km, stating it would require a robust argument with supporting technical data. Notwithstanding this, Dixon Sand is committed to safety and driver conduct.

***Listed as an agenda item for discussion at the next CCC (10/11/21).***