

# DIXON SAND (PENRITH) PTY LTD

## MINUTES OF THE BI-ANNUAL COMMUNITY CONSULTATION COMMITTEE MEETING

4610 Old Northern Rd

1.00pm, 7th of May 2013.

---

**1 INTRODUCTION AND APOLOGIES:**

The meeting opened at 1.00pm.

**1.1 PRESENT**

Carolyn Hall (CH) (Chairperson)

Kristine McKenzie (KM) (HSC)

Neridah Davies (ND) (*Bush-It*)

Noel Kenny (NK) (*Dixon sand Representative*)

Patricia Schwartz (PS) (*Community Representative*)

Peter Harkins (PH) (*Maroota Public School representative*)

Rebecca Storey (RS) (*Dixon Sand-OSEM*)

Robert Buckham (RB) (HSC)

Tim Mouton (TM) (*Dixon Sand-OSEM*)

**1.2 APOLOGIES**

Daniel Giffney (DG) (HSC)

David Dixon (DD) (*Dixon Sand General Manager*)

David Gathercole (DG) (*DECCW*)

Farley Roberts (FR) (*Community Representative*)

George Mobayed (GM) (*Department of Planning*)

**1.3 INTRODUCTION**

CH opened the meeting with introductions and acted as chairperson for the meeting.

**2 PREVIOUS MINUTES**

CH went through the previous minutes from the CCC meeting undertaken on the 13<sup>th</sup> of November 2012

**3 BUSINESS ARISING FROM PREVIOUS MINUTES**

CH went through business arising from previous minutes which included the relocation of the front gate dust gauge. The front gate dust gauge was knocked over by a truck accidentally and was then relocated 20m further down the haul road as to get more indicative results of the dust levels from Dixon Sand Quarry as the previous location be being influenced by dust from PF Formations quarry activities as there haul road runs right next to the original front gate dust gauge location.

TM informed the CCC members that the dust gauge relocation has been successful and dust results are decreasing.

TM also reminded CCC members from the last meeting minutes that the Dixon Sand website has been updated and monitoring data can be viewed on it.

**4 WORK ACCOMPLISHED IN THE PERIOD**

NK described the works being undertaken throughout the Dixon Sand Quarry site. NK explained approval has been granted to extract deeper on Lot 196. Dixons now has approval to extract 45m deep on this Lot. NK informed CCC members that extraction of clay is still underway at Stage 2 and is still being used for the construction of dam walls. NK also mentioned that it has been their busiest financial year to date.

NK went onto explain that the bulk of the work undertaken has been preparation for rehabilitation works such as preparing final land forms. A lot of money has been spent on stabilising dams and preparing for the final landform which has been very time consuming NK said.

**5 MONITORING RESULTS**

Tm went through maps of monitoring locations for Old Northern Road and Haerses Road.

## 5.1 *TEOM MONITORING*

TM supplied examples of monthly data to the CCC to review. The data indicates that PM10 dust levels have been acceptable. TM explained that there was an exceedance breach on a Sunday but this would not have been due to Dixons Sands as there are no works undertaken on Sundays. TM suggested that this exceedance was most likely due to agriculture works being undertaken on the Sunday. TM overall concluded that the rolling average for TEOM PM10 is well under the criteria.

## 5.2 *STATIC DUST MONITORING*

TM went through and explained the dust data, dust gauge location and interpretations. TM also showed that most dust results are under the annual criteria and that there has been a significant decrease in dust results at the front gate dust gauge location. It was suggested that at the next meeting there be graph prepared that shows data from the old front gate location compared with dust data from the new front gate dust gauge location, to better visualise the improvement and success of the dust gauge relocation and also prepare a graph comparing all dust gauges to one another.

NK mentioned that even though there was a lot of an excavation activity being undertaken near the rehabilitation site the dust data is still well below criteria. NK also explained that the two peaks in dust results shown at the Bund wall location was due to high excavation and stripping activity which was occurring right next to the dust gauge and was isolated events. TM showed that the dust data has since decreased since works near the bund wall have slowed down. TM predicted that the Bund wall location will be below criteria next month as long as there are no more isolated events that cause an exceedance.

TM and NK explained that the peak in the dust data at the School dust gauge location was most likely not related to Dixon Sand quarry and instead related to works being undertaken on or near the school premises such as tree removal or agricultural works.

It was also suggested by the CCC members that the monitoring maps be updated to show the new front gate dust gauge location.

### *Actions:*

- *Update monitoring map to show the new front gate dust gauge location.*
- *Add graph for next meeting comparing all dust gauges to one another*
- *Prepare graph that shows data from the old front gate location compared with dust data from the new front gate dust gauge location, to better visualise the improvement and success of the dust gauge relocation.*

### 5.3

#### *NOISE MONITORING*

TM provided a noise monitoring report with graphs which illustrated the noise levels of the different noise monitoring sites.

TM then described and explained the noise monitoring results and how noise is monitored and the results interpreted. TM also discussed the locations of the noise monitoring sites and the timescale on which the locations are monitored (monthly). TM also explained setback calculations.

TM indicated that noise monitoring for June 2012 was all below criteria.

NK mentioned that the noisiest thing on site is the reverse beepers which can be quite loud in the morning. TM suggested looking into quackers. PH also suggested a reversing beep which is available and which adjusts the loudness of its beep depending on the level of noise in its surrounding environment.

TM also mentioned truck noise assessments have been undertaken.

NK informed the CCC members that there have been no complaints regarding operational noise. Most complaints are instead related to trucks driving too fast.

### 5.4

#### *GROUND WATER DEPTH MONITORING*

TM explained groundwater borehole data and the differences between the new and old boreholes and what the differences in their results indicate. Overall the new boreholes are more consistent and stabilised than the old boreholes with little fluctuation. TM also went through the methodology used in relation to groundwater quality sampling. CH wanted to know what the lack in fluctuation is telling us. TM explained that is a positive sign because if there was a breach in the groundwater or aquifers then there would be high fluctuations and inconsistencies.

NK informed CCC members that there is 2m buffer zone maintained between excavations and the groundwater.

TM said that monitoring will continue at the old bores still to have more comparative data.

CH asked if the groundwater can be impacted by aspects other than Dixon Sand Quarry such as inflows from agriculture, rain etc. TM responded that yes it can be affected by other sources other than Dixon Sand Quarry and that it is a high possibility.

PS expressed interest into why the pH was so inconsistent with the old bore holes and suggested there may have been a lab error. TM agreed and said that this is a possibility as Ph can be inaccurate due to the time between taking the sample and delivering it to the lab. PS suggested getting new equipment to better take the pH in the field instead of relying on the lab. TM said that fluctuations in in EC can be due to fluctuations in pH and can also be due to rainfall/flush events in terms of the perched aquifers.

KM also suggested getting a longer rope so that water quality can be taken for the new bore hole the 60+m deep.

The next groundwater quality sampling will be June 2013 and will have the results for the next CCC meeting.

***Actions:***

- *Add turbidity data for next meeting*
- *Obtain water quality data for the 60+m borehole for next meeting*

**5.5 BUSH REGENERATION WORKS**

ND went through the regeneration works being undertaken at both Haerses Road and Old Northern Road including hours worked and what weeds were treated and how they were treated. ND explained they have planted 250 plants and also brush matting which is a technique Bush-it uses in rehabilitation and which has been working very well at the Haerses Road rehabilitation site.. ND also explained that Pampas grass is a large concern as it is a class 3 weed and will continue to be treated by Bush-it.

**6 GENERAL BUSINESS**

PS expressed positive attitude towards the CCC meeting and its presentation and explanations.

KM mentioned that an audit was undertaken of Dixon Sand Quarry and everything was fine with only minor discrepancies. KM also requested the next CCC meeting be held on Tuesday the 2<sup>nd</sup> of November 2013.

**7 SITE INSPECTION**

The site inspection was undertaken on Lot 196 overlooking the extractions.