

# **DIXON SAND (PENRITH) PTY LTD**

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

**4610 Old Northern Rd**

**1.00pm, 12th of May 2015.**

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### **1 INTRODUCTION AND APOLOGIES:**

The meeting opened at 1.00pm.

#### **1.1 PRESENT**

Carolyn Hall (CH) (*Chairperson*)

Hunny Churcher (HC) (*Dixon Sand-OSEM*)

Kristine McKenzie (KM) (*HSC*)

Noel Kenny (NK) (*Dixon Sand*)

Patrick Gregson (PG) (*Bush-It*)

Robert Buckham (RB) (*HSC*)

Lisa Aylward (LA) (*Maroota Public School Representative*)

Robert Semaganda (RS) (*RMS Maintenance Services – DownerMouchel*)

#### **1.2 APOLOGIES**

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

Patricia Schwartz (PS) (*Community Representative*)

Farley Roberts (FR) (*Community Representative*)

Elle Donnelley (ED) (*DPE*)

Chris Gatehouse (CG) (*RMS Maintenance Services*)

### 1.3 INTRODUCTION

CH opened the meeting with introductions and acted as chairperson for the meeting. SM from DownerMouchel introduced himself and works undertaken for RMS stewardship maintenance contract.

## 2 PREVIOUS MINUTES

CH went through the previous minutes from the CCC meeting undertaken in November 2014.

## 3 BUSINESS ARISING FROM PREVIOUS MINUTES

CH went through business arising from previous minutes including action items:

- Plotting field pH and lab pH for groundwater monitoring results.
- Comparison of high static dust result for Dixon and PF Formation.

## 4 WORK ACCOMPLISHED IN THE PERIOD

NK discussed works undertaken at the Quarry. NK indicated that the new development consent is in the final stages of review and should be finalised soon. This will also negate the new monitoring bores and real-time monitoring regime.

NK explains that the production has slowed down slightly, a strategic move in sales. Works at Haerses Road has reduced to only 4-5 days a month as sand at this site is more expensive to produce.

Tailings dam walls have been built up, almost reaching the final heights.

Areas around the front access gate have been gradually filled in, progressing close to the rehabilitation stage.

No new areas have been mined.

## 5 MONITORING RESULTS

HC explained the monitoring requirements for the Quarry and recap the locations of TEOM, static dust gauges, groundwater bores and sensitive

### 5.1 TEOM MONITORING

HC explained how the TEOM stations works, what is recorded and how the data is interpreted including the criteria's and what each criteria means.

NK explained that TEOM is a more accurate method of identifying dust impacts from Dixon. TEOM records a number of parameters including rainfall, wind direction, wind speed and PM10 dust particle size. The wind quadrant of 270-315 degrees indicates north-westerlies which blow from Dixon towards the school.

HC provided a comparison between data for the periods 2012-2013, 2013-2014 and 2014-2015.

HC explained that the high readings on 4 days were most likely not attributed to the quarry's activities because the percentages of north-westerly winds are relatively low. No works were undertaken on the remaining two days with high readings and therefore, cannot be attributed to the quarry's activities.

For future data presentation, NK suggested that on days of high readings, the predominant wind direction be identified as well.

### 5.2 STATIC DUST MONITORING

HC provided details of depositional dust monitoring over the 201-2015 monitoring period. It was noted that high results at Dust Gauge 1 at the front gate in November 2014 and March 2015 were due to rehabilitation of the area. High results are likely due to direct deposit of sand particles. The high reading at Dust gauge 6 at the School in February 2015 was likely due impacts from installation of the fencing. LA confirmed that fencing works were undertaken around this period.

HC presented the rolling average dust results for all dust gauges. All rolling average dust results are below the criteria.

### 5.3 NOISE MONITORING

HC discussed the locations of the noise monitoring sites which is undertaken every 6 months. HC explained the use of setback calculations as a more accurate method for deriving the actual quarry noise levels at the house and school.

Noise monitoring in December 2011 indicated that noise impacts at the identified receivers at ONR site are below the criteria. Noise monitoring at Haerses Road only identified background readings as works were not in operation.

#### 5.4 GROUNDWATER DEPTH & QUALITY MONITORING

HC explained the groundwater monitoring results for the current period, and the differences between the new and old boreholes in regards to perched aquifers and the regional groundwater table. It was noted that field pH readings have been undertaken however these results were not provided in the presentation.

HC discussed the stability of water quality results from the old bores installed in perched aquifers. It was noted that from recent rain events, the depth of water in BH1 was shallower than normal. Depths in other boreholes, both old and new, have been consistent in this monitoring period.

CH explained to RS the significance of Maroota regional groundwater management in relations to the local biodiversity.

HC explained groundwater samples from December 2014 were meant to undergo laboratory analysis for quality suites. However, administrative errors meant these were mishandled and are missing.

**Action:**

**HC to investigate the missing groundwater samples and review the QC system to prevent repeated incidence.**

#### 5.5 BUSH REGNERATION WORKS

PG presented the regeneration activities undertaken since the last CCC meeting, including hours worked during the period. PG explained how the daily site reporting method has been updated to separate between ONR (called 'The Mine Site') and Hearses Rd sites.

**Hearses Rd**

Crofton weed was not targeted in the period since the last CCC meeting as management will be undertaken in winter. The offset area is doing well. A couple of small trees have fallen in recent storms but are still alive and growing. General maintenance and upkeep of silt fence and hay bales are required. Carnivorous plant has been observed on site, indicating a healthy ecological system.

## ONR

Less work has been undertaken at ONR in comparison to Haerses Rd. Works focused on eradicating African love grass, Whiskey grass and Couch grass. PG explained that Couch grass is considered invasive in certain environment, including at Dixon Quarry.

The aim is to prevent weed species from establishing. For example, increasing leaf litter will discourage weed growth and spreading.

## 6 GENERAL BUSINESS

LA stated that fencing at the back of the school has been completed during the Christmas school holidays.

LA raised the School's preference to expand the car park and the installation of more permanent fencing due to safety concerns.

KM explained that the Hills Shire Council's 5 year road maintenance is 3 years into the program. KM indicated that all designated works have already been undertaken at the school and that further requests should be made to the Roads and Maritime.

RS suggests raising the concerns through the local member as requests usually gets sent through to DownerMouchel and Roads and Maritime.

NK requests a better communication between Council representatives, the quarry and community members regarding the public exhibition of designated works from the Quarry's monetary contribution made under Section 94 of the EP&A Act and in accordance with the development consent.

## 7 SITE INSPECTION

A site inspection was undertaken at ONR Lot 196 and Lot 29. NK explained the progress of the quarry and the rehabilitation strategy.

## 8 CCC MEETING DATE IN NOVEMBER 2015

The next CCC meeting will be scheduled for Tuesday 17<sup>th</sup> November 2015.