



Environment Department

Noise Monitoring Scheme

FOR RMC AGGREGATES (EASTERN COUNTIES) AT:

**Kesgrave Quarry
Sinks Lane
Kesgrave
Ipswich
Suffolk
IP5 7PE**

**RMC (UK) Limited
Environmental Department
RMC House, High Street,
Feltham, Middlesex, TW13 4HA**

April 1999

- **Standard**

Noise monitoring will be undertaken in line with, and have regard to :-

MPG 11 : 1993 - "The control of noise at surface mineral workings"

- **Measuring Equipment**

Noise levels will be measured in terms of $L_{Aeq,T}$ by using an integrated-averaging sound level meter set to frequency 'A' and time weighting 'S' and complying with type 1 of BS 6698.

- **Calibration**

Before each series of measurements, an acoustic calibrator or pistonphone complying with class 2 of BS 7189 will be applied to the microphone to verify the correct operation of the measuring equipment and allow for adjustment if necessary. Records of these calibration tests will be kept.

Where measurement are made over a prolonged period (hourly monitoring over a 10hr operational period), calibration will be verified at least twice.

- **Measurement Locations**

The monitoring positions X & Y are shown on Plan P3/207/3/2 - **Method of Working and Phasing Plan**. Location X is situated immediately south of the boundary of 'Jordans' and location Y on the western boundary of 'Bealings Hoo'.

- **Monitoring Frequency**

Monitoring will be carried out by a suitably competent person at monthly intervals for the first 3 years from the date of the planning permission, and thereafter at lesser intervals as may otherwise be agreed with the Mineral Planning Authorities.

For the first 6 months following the grant of planning permission, and subsequently at the request of the Mineral Planning Authority, 24 hours prior notice of noise monitoring shall be provided to enable the Mineral Planning Authority to verify site conditions and operations observed.

- **Measurement Period**

Monitoring will be carried out during typical normal working hours (7am - 6pm approx.) at each location (X & Y).

Monitoring will be avoided in conditions of : wind speed greater than 5m/sec average, rainfall and low temperatures (< 3°C).

- **Measurement Time Interval**

Noise will be measured over a period of one hour and the LAeq,1 hour descriptor will be recorded for comparison with the noise control limit at the monitoring point.

- **Measurement Positions**

The measurement height will be approximately 1.2m above ground level at points X & Y on Plan P3/207/3/2 - **Method of Working and Phasing Plan** or as may otherwise be specified in the conditions of the planning permission.

- **Log of Noise Events**

A log of both on-site and off-site noise events audible at the monitoring point which occur during the measurement period, including a careful record of "paused-out" significant extraneous noise events (MPG11, para 49), will be submitted with the measurement results.

- **Reporting**

Results of the noise monitoring will be provided to the local authority within 14 days of the date of measurement, on the enclosed format.

- **Vehicle Reversing Alarms**

Best practical means will be taken to minimise the environmental impact of reversing alarms in accordance with the advice given in paragraphs 65 to 67 of MPG 11.

Mineral Extraction and Landfill Sites

Noise Monitoring Reports

Site:

Operator:

Monitoring Point:

Date:

Start time of measurement period:

Measurement duration:

Measured value of LAeq 1 hour: dB(A)

Type or Model of instrument(s):

Weather:

Approx. direction (from) and
strength of wind during
measurement period:

Diary of events during measurement period:

Signed

Company

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