

Appendix 4-8

Fixed Noise Source Data

Appendix 4-8 - Field Noise Measurement Data at Village Houses Nearby the Identified Open Storage Site

Measured Noise Level at Village House (free field) *								
Date and Time	Measurement Location	Noise Source	Leq (30 min.) (Bkg. + fixed noise source), A	Bkg., B	Fixed Noise Level, (A-B)	Distance to notional noise source, m	Dist Corr.	Calculated SWL
15 Apr., 2013	M1	S1	56.3	54.1	52.3	81	46.2	98
24 Apr., 2013	M1	S1	55.7	53.8	51.2	81	46.2	97
06 May., 2013	M1	S1	56.4	54.8	51.3	81	46.2	97
SWL adopted in the noise assessment:								98

Remark:

The measurement was taken using Brüel & Kjaer (B&K) Precision Integration Sound Level Meter Type 2250, which complies with International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1). The weather conditions were good with calm wind condition during measurement, which satisfies the required criteria. The equipment was properly calibrated immediately prior to and following each measurement by a B&K Sound Level Calibrator Type 4321. The noise levels before and after measurement agrees to within 1.0dB.

* Noise measurement (30-min.) at village houses nearby the identified industrial site during its operation under free field condition. Please refer to Figure 4-8 for the noise measurement location.