



MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT
PLANNING AND URBAN MANAGEMENT AGENCY

NOISE SURVEY REPORT No. 4
(Compliance Monitoring)

Reference Number: PC 079 08

19th May 2009

1. BACKGROUND

Compliance monitoring was conducted on the 29th April 2009, 1st and 15th May 2009. The noise readings were taken 2 meters from boundary from within Tuala Oli Ah Him's property. The purpose of the compliance monitoring noise survey was to determine if the noise levels being emitted from Worship Center Church have been reduced. The Agency has employed the following noise level equipment to carry out compliance monitoring:

Sound Level Meter

Manufacturer: Extech Instruments

Model: HD 600 Type 2

Serial Number: No. 07127547

2. NOISE LIMITS – Commercial Area

<i>Time Period</i>	<i>Noise Limits in Decibels (dB)</i>
Day, 0700 to 1800	63 - 70
Evening, 1800 to 2200	52 - 57
Night, 2200 to 0700	47 - 52

Note: * On Sundays and public holidays between 0700 and 1800 hours the evening noise limit applies.

Source: National Noise Policy 2006

3. SOUND LEVEL READINGS

3.1 Compliance Monitoring Survey

Site Visit 1:

<i>Date</i>	29 th April 2009
<i>Day</i>	Wednesday
<i>Time</i>	7:30pm
<i>Climatic Conditions</i>	Light winds, heavy rain, conditions were unfavorable
<i>Average reading</i>	N/A
<i>Maximum reading</i>	N/A
<i>Minimum reading</i>	N/A
<i>Comments</i>	There was religious activity taking place, however, the weather conditions were unfavorable to record noise. By observations, the

noise was minimal

Site Visit 2: Reading 1

Date 1st May 2009
Day Friday
Time 8:44pm
Climatic Conditions Clear skies, no wind or rain, ideal conditions
Average reading 60.19 dB
Maximum reading 76.30 dB
Minimum reading 43.50 dB
Comments The maximum reading of 76.30 dB was a result of religious activities taking place on Worship Center's property. Activities such as singing, shouting, preaching, and musical instruments (drums). There was interference from the Hotel Millenia's music, thus a second site was chosen to conduct further readings (Reading 2). Non-compliant.

Site Visit 2: Reading 2

Time 8:57pm
Average reading 68.66 dB
Maximum reading 89.50 dB
Minimum reading 47.20 dB
Comments The maximum reading of 89.50 dB was a result of singing, clapping and musical instruments. The choir and musical instruments were hooked up to a BA system. Observed of a brick wall (Mr. Ah Him's) about 0.9-1.2 meters high and still incomplete. Non-Compliant.

Site Visit 3:

Date 15th May 2009
Day Friday
Time 11:00pm
Climatic Conditions Clear skies, light winds, ideal conditions.
Average reading 63.92 dB
Maximum reading 78.50 dB
Minimum reading 50.70 dB
Comments The maximum reading of 78.5 dB was a result of clapping, singing, preaching, and musical instruments. A BA system was being used to amplify the choir, preacher, and musical instruments. The religious activity ended at about 11:20pm. The brick wall on Mr. Ah Him's property was now nearing completion, about 1.8 to 2.1 meters high. The wall was not very effective in reducing the sound levels being emitted. Non-Compliance

4. FINDINGS

The findings are as follows:

Compliance monitoring results:

- 1st May 2009 (Reading 1) recorded a maximum noise level of 76.30 dB; main source was singing, shouting, preaching, and musical instruments (drums) from Worship Center's property. Reading 2 recorded a maximum of 89.50 dB which was a result of singing, shouting, preaching, musical instruments, and clapping. Was difficult to differentiate which source was emitting the highest level. Both readings recorded non-compliance.
- 15th May 2009 recorded a maximum noise level of 78.50 dB; main source of noise was clapping, singing, preaching, and musical instruments (drums). A BA system was being used to amplify the choir, preacher, and musical instruments. Recorded Non-compliance.

5. OBSERVATIONS

Site Visit 2 conducted on the 1st of May 2009 observed the construction of a brick wall by Tuala. The wall was incomplete and was about 0.9 to 1.2 meters high. Site visit 3 conducted on the 15th May 2009 observed the brick wall nearing completion. The wall was now 1.8 to 2.1 meters high. There was also hazardous material on site such as scrap metal, rocks, timber. Did not observe any effort by Worship Center to reduce noise levels, or to construct noise reducing structures. Request for details for prosecution for continuous non-compliance of Worship Center Church.

6. CONCLUSION & RECOMMENDATIONS

The Noise Survey confirmed non-compliance by Worship Center Church. Recommend to inform Pastor Viliamu in writing concerning the findings of the Noise survey. The letter should include the facts and findings of the Noise Survey Report: Compliance Monitoring dated 19th May 2009.

Prepared by Jeffery Leung Wai, Strategic Planner

19/5/09