

Table 1: Noise Monitoring Data

| Published: (HUNTER GALVANIZING TO ENTER WEBSITE PUBLICATION DATE) | | | | | | |
|---|--------------------|--------------------|-----------------------------------|---|--------------------------------|------------------------------------|
| Licensee: Hunter Galvanizing | | | | | | |
| EPL no.: 12014 | | | | | | |
| Qualifications related to noise limits | | | | | | |
| Noise quality monitoring was performed for L_{Aeq} at the nearest residence during Day (7am to 6pm), Evening (6pm to 10pm) and Night (10pm to 7am) periods as per the EPL. | | | | | | |
| L_{Aeq} was measured and computed at the most affected area within 30m of the residence and at the boundary over 15 minute periods using 'FAST' response on the sound level meter as per the EPL. | | | | | | |
| For the purpose of the noise measurements, 5dB is added to the measured level if the noise is substantially tonal or impulsive in character. | | | | | | |
| Date | Location | Time Period | L_{Aeq} dB(A) | ¹SPL_{A280} dB(A) | EPA Licence Limit dB(A) | ²Compliant (Y/N) |
| 28/02/14 | Hunter Galvanizing | Daytime | 66.4 | - | - | - |
| 28/02/14 | Residence | Daytime | 74.7 | 49.5 | 52 | Y |
| 28/02/14 | Hunter Galvanizing | Evening | 59.8 | - | - | - |
| 28/02/14 | Residence | Evening | 65.1 | 42.9 | 43 | Y |
| 29/02/14 | Hunter Galvanizing | Night-time | 61.2 | - | - | - |
| 29/02/14 | Residence | Night-time | 70.1 | 44.3 | 43 | N |
| | | | | | | |
| 5/02/15 | Hunter Galvanizing | Daytime | 61.3 | - | - | - |
| 5/02/15 | Residence | Daytime | 73.4 | 44.4 | 52 | Y |
| 5/02/15 | Hunter Galvanizing | Evening | 62.7 | - | - | - |
| 5/02/15 | Residence | Evening | 58.8 | 45.8 | 43 | N |
| 6/02/15 | Hunter Galvanizing | Night-time | 59.4 | - | - | - |
| 5/02/15 | Residence | Night-time | 73.5 | 42.5 | 43 | Y |

¹Sound pressure level (SPL₂₈₀) is used for calculations based on attenuated noise propagation from Hunter Galvanizing's plant to the nearest residential receiver at 1 Old Punt Road.

²Compliance (yes/no) based on sound pressure level (SPL₂₈₀) results.