

Table 1: Noise Monitoring Data

Published: March 3, 2014 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 are 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)	¹ SPL _{A280} dB(A)	EPA Licence Limit dB(A)	² Compliant (Y/N)
05/02/13	Hunter Galvanizing	Daytime	59.4	-	-	-
05/02/13	Residence	Daytime	64.9	42.5	52	Y
05/02/13	Hunter Galvanizing	Evening	59.1	-	-	-
05/02/13	Residence	Evening	61.6	42.2	43	Y
06/02/13	Hunter Galvanizing	Night-time	54.9	-	-	-
06/02/13	Residence	Night-time	69.0	38.0	43	Y
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

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.