

3041 - Twickenham Station
 MP1 - 16 Mary's Terrace
 Noise Monitoring



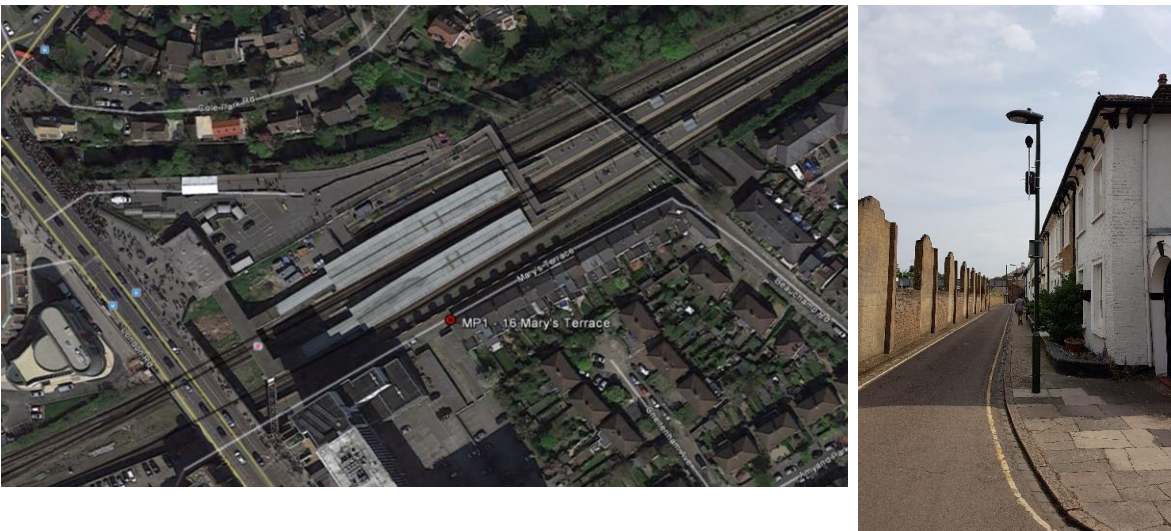
Unattended Noise Monitoring Details

Location Details

Table A: Location Details of Monitoring Equipment

Address	16 Mary's Terrace, TW1 3JB
Description	Meter installed on a lamppost located in front of property overlooking at the station

Figure A: Approximate Location and Photograph of the Worksite and Monitoring Location



Monitor Details

Table B: Details of Monitoring Equipment - 16 Mary's Terrace

Sound Level Meter	Rion NL-52 Type 1 Integrating Sound Level Meter					
Serial Number	Meter	643027	Preamp	43055	Mic	06807
Weighting	Time	Fast	Frequency	A		

With regard to the interpretation of this noise report, it is important to note that the Construction Noise Level limits (CNL) presented in the time history graphs and tables of this document, have been set out by the Council in the S61 consent.

With regard to the interpretation of any noise exceedance, it should be noted that:

- There will be occasions where CNL noise levels will be exceeded and steps will be taken to identify these and where practicable further mitigation provided.
- On occasions and due to the complexity of the work and the layout of the site, it may not be possible to provide further mitigation.
- A number of factors can influence these exceedances including, but not limited to; other sources of noise or combined noise sources that are not always associated with activities on the site.
- Exceedances may not constitute a contravention of the Section 61 Notice, it will be for authorised officers of the Council to determine, based upon a number of factors, including but not limited to; authorisation for the works, proposed / provided mitigation and the use of best practicable means.

MP1 - 16 Mary's Terrace

Week 18 Unattended Noise Monitoring Report

Summary of Weekly Noise Data and Exceedances of Permissible Levels

between 07:00 hours Monday 30 April 2018 and 07:00 hours Monday 07 May 2018

Figure 7.1: Time History Graph

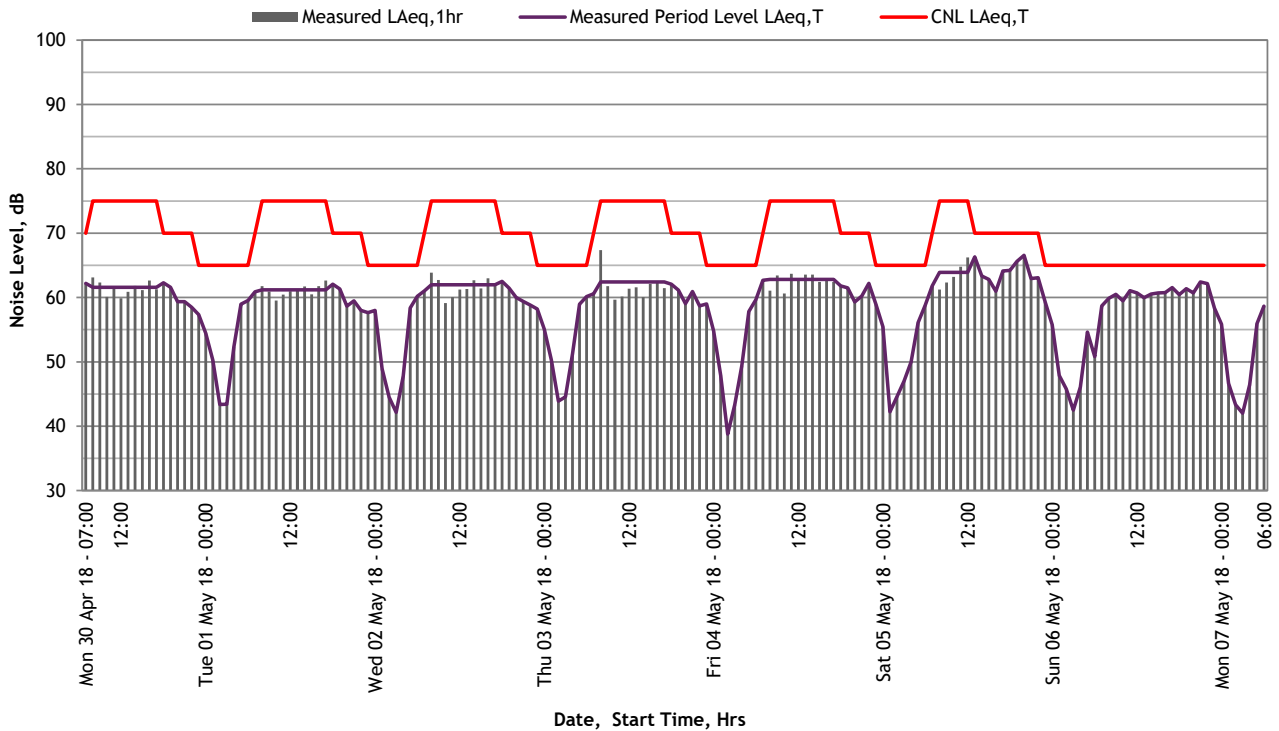


Table 7.1: Monitoring Data Notes and Comments

Notes / Comments
There were no exceedances of the construction noise limits during this week of monitoring.

Table 7.2 Details of Predicted Construction Noise Levels

61 Application Reference		Local Authority Consent Reference
DC/BRS/11/1443/FUL/FUL		LBR005020
Receptor ID	Receptor Location	Main Construction Activity For Period
1	16 Mary's Terrace	N/A

Tables 7.3 to 7.5 present the Measured Noise Levels (MNLs) [Ambient + Construction] and the Construction Noise Limits (CNLs). MNLs are highlighted in red if they exceed their associated CNL and the total number of exceedances is summarised in Table 7.6. Table 7.7 provides more detail on each exceedance including the findings of any subsequent investigation.

Table 7.3: Summary of Measured Noise Levels - Monday to Friday

Time	Relevant Time Period, Hrs	Averaging Time, T	dB L _{Aeq,T}									
			Mon 30/04/18		Tue 01/05/18		Wed 02/05/18		Thu 03/05/18		Fri 04/05/18	
			MNL	CNL	MNL	CNL	MNL	CNL	MNL	CNL	MNL	CNL
Monday to Friday	07:00 – 8:00	1 hr	62.2	70.0	60.9	70.0	61.0	70.0	60.6	70.0	62.7	70.0
	08:00 – 18:00	10 hr	61.6	75.0	61.2	75.0	62.0	75.0	62.4	75.0	62.8	75.0
	18:00 – 19:00	1 hr	62.3	70.0	62.1	70.0	62.5	70.0	62.1	70.0	61.8	70.0
	19:00 – 20:00	1 hr	61.6	70.0	61.3	70.0	61.4	70.0	61.1	70.0	61.5	70.0
	20:00 – 21:00	1 hr	59.3	70.0	58.6	70.0	60.0	70.0	59.0	70.0	59.3	70.0
	21:00 – 22:00	1 hr	59.3	70.0	59.5	70.0	59.4	70.0	60.9	70.0	60.2	70.0
	22:00 – 23:00	1 hr	58.5	70.0	58.0	70.0	58.8	70.0	58.7	70.0	62.2	70.0
	23:00 – 00:00	1 hr	57.3	65.0	57.6	65.0	58.2	65.0	59.0	65.0	58.9	65.0
	00:00 – 01:00	1 hr	54.5	65.0	58.0	65.0	55.1	65.0	54.8	65.0	55.5	65.0
	01:00 – 02:00	1 hr	50.3	65.0	48.9	65.0	50.3	65.0	47.9	65.0	42.2	65.0
	02:00 – 03:00	1 hr	43.4	65.0	44.5	65.0	43.9	65.0	38.8	65.0	44.6	65.0
	03:00 – 04:00	1 hr	43.4	65.0	42.2	65.0	44.6	65.0	43.3	65.0	47.0	65.0
	04:00 – 05:00	1 hr	52.4	65.0	47.7	65.0	51.2	65.0	49.4	65.0	50.0	65.0
	05:00 – 06:00	1 hr	58.9	65.0	58.4	65.0	59.0	65.0	57.8	65.0	56.1	65.0
06:00 – 07:00	1 hr	59.5	65.0	60.2	65.0	60.1	65.0	59.6	65.0	58.8	65.0	

Table 7.4: Summary of Measured Noise Levels - Saturday

Time	Relevant Time Period, Hrs	Averaging Time, T	dB L _{Aeq,T}	
			Sat 05/05/18	
			MNL	CNL
Saturday	07:00 – 08:00	1 hr	61.8	70.0
	08:00 – 13:00	5 hr	63.9	75.0
	13:00 – 14:00	1 hr	66.3	70.0
	14:00 – 15:00	1 hr	63.3	70.0
	15:00 – 16:00	1 hr	62.8	70.0
	16:00 – 17:00	1 hr	61.0	70.0
	17:00 – 18:00	1 hr	64.1	70.0
	18:00 – 19:00	1 hr	64.2	70.0
	19:00 – 20:00	1 hr	65.6	70.0
	20:00 – 21:00	1 hr	66.6	70.0
	21:00 – 22:00	1 hr	62.9	70.0
	22:00 – 23:00	1 hr	63.1	70.0
	23:00 – 00:00	1 hr	59.3	65.0
	00:00 – 01:00	1 hr	55.8	65.0
	01:00 – 02:00	1 hr	47.9	65.0
	02:00 – 03:00	1 hr	45.8	65.0
	03:00 – 04:00	1 hr	42.5	65.0
	04:00 – 05:00	1 hr	46.1	65.0
05:00 – 06:00	1 hr	54.6	65.0	
06:00 – 07:00	1 hr	50.8	65.0	

Table 7.5: Summary of Measured Noise Levels - Sunday

Time	Relevant Time Period, Hrs	Averaging Time, T	dB L _{Aeq,T}	
			Sun 06/05/18	
			MNL	CNL
Sunday and Public Holidays	07:00 – 08:00	1 hr	58.7	65.0
	08:00 – 09:00	1 hr	59.9	65.0
	09:00 – 10:00	1 hr	60.5	65.0
	10:00 – 11:00	1 hr	59.5	65.0
	11:00 – 12:00	1 hr	61.1	65.0
	12:00 – 13:00	1 hr	60.7	65.0
	13:00 – 14:00	1 hr	60.0	65.0
	14:00 – 15:00	1 hr	60.5	65.0
	15:00 – 16:00	1 hr	60.7	65.0
	16:00 – 17:00	1 hr	60.7	65.0
	17:00 – 18:00	1 hr	61.5	65.0
	18:00 – 19:00	1 hr	60.5	65.0
	19:00 – 20:00	1 hr	61.4	65.0
	20:00 – 21:00	1 hr	60.7	65.0
	21:00 – 22:00	1 hr	62.4	65.0
	22:00 – 23:00	1 hr	62.2	65.0
	23:00 – 00:00	1 hr	58.4	65.0
	00:00 – 01:00	1 hr	55.9	65.0
	01:00 – 02:00	1 hr	46.7	65.0
	02:00 – 03:00	1 hr	43.3	65.0
03:00 – 04:00	1 hr	42.0	65.0	
04:00 – 05:00	1 hr	46.4	65.0	
05:00 – 06:00	1 hr	55.9	65.0	
06:00 – 07:00	1 hr	58.7	65.0	

Table 7.6: Total Number of Exceedances of the Construction Noise Limit

Total Number of Exceedances	0
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