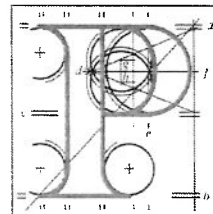


Our Case Number: ABP-314724-22

Your Reference: Charlemont and Dartmouth Community Group
(CDCG)



**An
Bord
Pleanála**

(1, 3, 5 & 7-16 Dartmouth Square)

MacCabe Durney Barnes
20 Fitzwilliam Place
Dublin 2
D02 YV58

Date: 10 October 2024

Re: Railway (Metrolink - Estuary to Charlemont via Dublin Airport) Order [2022]
Metrolink. Estuary through Swords, Dublin Airport, Ballymun, Glasnevin and City Centre to
Charlemont, Co. Dublin

Dear Sir / Madam,

An Bord Pleanála has received your recent letter in relation to the above mentioned case. The contents of your letter have been noted.

More detailed information in relation to strategic infrastructure development can be viewed on the Board's website: www.pleanala.ie.

If you have any queries in relation to the matter please contact the undersigned officer of the Board at laps@pleanala.ie

Please quote the above mentioned An Bord Pleanála reference number in any correspondence or telephone contact with the Board.

Yours faithfully,

Kevin McGettigan
Executive Officer
Direct Line: 01-8737263

RA03

Teil
Glaao Áitiúil
Facs
Láithreán Gréasáin
Ríomhphost

Tel (01) 858 8100
LoCall 1800 275 175
Fax (01) 872 2684
Website www.pleanala.ie
Email bord@pleanala.ie

64 Sráid Maoilbhríde
Baile Átha Cliath 1
D01 V902

64 Marlborough Street
Dublin 1
D01 V902

Lauren Griffin

From: Lauren Griffin
Sent: Thursday 10 October 2024 09:46
To: jbarnes@mdb.ie
Subject: RE: Railway (Metrolink–Estuary to Charlemont via Dublin Airport) Order 2022

A Chara,

The Board acknowledges receipt of your email, official correspondence will issue in due course.

Kind regards,

Lauren

From: Jerry Barnes <jbarnes@mdb.ie>
Sent: Tuesday, October 8, 2024 3:51 PM
To: LAPS <laps@pleanala.ie>
Subject: Railway (Metrolink–Estuary to Charlemont via Dublin Airport) Order 2022

Caution: This is an **External Email** and may have malicious content. Please take care when clicking links or opening attachments. When in doubt, contact the ICT Helpdesk.

We wish to make a submission for our client Charlemont & Dartmouth Community Group (CDCG) on behalf of Dartmouth Square West residents of properties nos.1, 3, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16. Dartmouth Square, Ranelagh, Dublin 6. A submission was previously made on their behalf in relation to the original Railway Order Application which was accompanied by the prescribed fee of €50. The public notice of the 8th August 2024 indicates that the fee is not payable by a party who has previously made a valid submission.

We herewith attach the submission. We request acknowledgement of receipt of this submission.

Regards

Jerry Barnes
Director



MACCABE DURNEY
BARNES
Planning Environment Economics

20 Fitzwilliam Place, D02YV58. Dublin 2 | T:+353 1 6762594 | M:+353 87 4179969 | W:www.mdb.ie



Please consider the Environment before printing this email.

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the sender immediately and then delete it. If you are not the intended recipient any use, disclosure or distribution of the contents is strictly prohibited. MacCabe Durney Barnes Ltd shall not be liable for any delays, inaccuracies, errors or omissions arising from the transmission of the information contained herein over the Internet. Finally, the recipient should check this email and any attachments for the presence of viruses. The company accepts no liability for any loss or damage caused

20 Fitzwilliam Place t: + 353 1 6762594
Dublin 2 f: + 353 1 6762310
D02 YV38 e: planning@mdb.ie
 w: www.mdb.ie

MACCABE DURNEY BARNES

PLANNING | ENVIRONMENT | ECONOMICS

Our Ref: 2193 Dartmouth Square West

The Secretary
An Bord Pleanála
64 Marlborough Street
Dublin 1
D01 V902

8th October 2024

Re: Railway (Metrolink–Estuary to Charlemont via Dublin Airport) Order 2022

Dear Secretary

We refer to the above Railway Order application and the further information submitted to the Oral Hearing held between the 19th February and the 28th March 2024. The public notice of the 8th August 2024 allows for submissions to be made in respect of this further information. We wish to make a submission for our client Charlemont & Dartmouth Community Group (CDCG) on behalf of Dartmouth Square West residents of properties nos.1, 3, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16. Dartmouth Square, Ranelagh, Dublin 6. A submission was previously made on their behalf in relation to the original Railway Order Application which was accompanied by the prescribed fee of €50. The public notice of the 8th August 2024 indicates that the fee is not payable by a party who has previously made a valid submission. We request acknowledgement of receipt of this submission.

Our submission specifically relates to the further information presented to the Board at the Oral Hearing in so far as it relates to the residents of Dartmouth Square West. The residents of Dartmouth Square West support the CDCG General Area Submission made on the 16th January 2023, the observations and submission made at the Oral Hearing and the general submission made in relation to the further information furnished by the applicant.

The grounds of our submission relate to a number of specific issues arising from the further information submitted to the Oral Hearing.

1. Misleading Description of submitted Documents

We have compared the original Airborne Noise and Vibration assessment as contained in Chapter 13 of the EIAR (and the associated Appendix S13.7) with "*Appendix A13.7: Charlemont Station – Errata*". In the first instance we take issue with the use of the word "Errata". This suggests a minor error in printing or text after proof reading has been undertaken. This downplays the nature of this revision to suggest that there is only a minor error. There are significant variations in the assessment of airborne noise and vibrations in so far as they relate to the properties on Dartmouth Square West. The document submitted is not an Errata within the meaning of that word. It provides an assessment of the development with mitigating measures in place. This is effectively a new additional assessment. It is only by carefully examining the documentation that this becomes apparent. The document is one of c200 submitted to the oral hearing. This approach has been

adopted across the project whereby new assessments are classified as “Errata” documents. This is wholly misleading and contrary to the transparency that would be expected for an EIA process.

2. Noise Barrier and Assessment of Noise Effects

The residents of Dartmouth Square West are unclear as to what height the proposed noise barrier on the eastern side of the compound to the rear of their properties will be. At meetings with residents and during deliberations at the oral hearing, some parties understood that the barrier would be raised from 4m to 7m. Without access to the relevant transcripts from the Oral Hearing, it is not possible to confirm if this commitment was made. We have reviewed all relevant documentation submitted to the Oral Hearing in this regard to see if there was any written commitment to increase the height. We have found nothing to indicate a change in height. Furthermore, RINA, the independent body for third party queries, confirmed that “We have not found anything in the documents referring to the height of the noise barrier (on any side of the Charlemont Metrolink compound).” Table 13.85 of the EIAR indicates that barrier would be 7m on the northern boundary, but 4m on the east, west and southern boundaries.

The submitted *Appendix A13.7: Charlemont Station - Errata* is wholly inadequate for the purposes of the residents of Dartmouth Square West to understand the effects of airborne noise. For ease of reference, we attach the original Appendix A13.7, and the Errata submitted to the Oral Hearing as an Addendum to this submission. It is our understanding that that the original A13.7 was the unmitigated noise assessment, and the submitted Errata considered both the unmitigated, and mitigated noise assessment with the barrier in place. The Dartmouth Square West properties are Reference properties 21-29, (nos. 1,3,5,7,9,11,13,17 Dartmouth Square).

Appendix A13.7: Charlemont Station – Errata is just a table which just illustrates ‘unmitigated’ and ‘mitigated’ impacts. There is no explanation of what mitigation measures are included in the assessment, or the assumptions underpinning the assessment. Noise mitigation measures during the construction phase are proposed in section 13.6.1 of the EIAR. There are general measures as contained in the Construction Environmental Management Plan (CEMP), and a number of key principals are adopted in relation to mitigation:

- Noise control at Source: Selection of quiet plant, site layout, attenuation at source, operational control (hours and periods);
- Noise Control along Pathway: Localised screening to plant items on site, enclosures, site buildings, site hoarding and noise barriers; and
- Noise Control at Receiver: Noise Insulation and Temporary Rehousing.

It is wholly unclear as to what elements are included in the mitigated assessment. We contend that the only the first two can be classed as mitigating measures, as they are within the control of the applicant. The last one relating to noise insulation and temporary housing are outside the control of the applicant and therefore cannot be classed as mitigation measures within the meaning of the Directive.

It is our understanding that the assessment relating of mitigation measures includes a noise modelling of the 4m barrier along the east, west and southern boundaries of the compound as

detailed in Table 13.85 of the EIAR. However, this is only an interpretation, having regard to points made at the Oral Hearing.

The manner in which this information is submitted is **wholly inadequate and does not allow for our clients to assess the impact upon their properties**. In particular, we highlight the following

1. It is wholly unclear as to whether *Appendix A13.7: Charlemont Station – Errata* replaces in totality *Appendix A13.7* of the original EIAR, or if it is to be read in conjunction with it.
2. The original unmitigated assessment in *Appendix A13.7* assesses reference properties 21-29 for all stages (Advanced Enabling & Utility Works, Site Preparation; Station piling works north; station piling works south; south station works ground excavation; south station works underground excavation; finish and fit-out). However, these properties are not referred to in unmitigated results in the Errata.
3. The properties are then referred to in the mitigated results in the Errata, but only in relation to Station Piling Works North.
4. It can only therefore be assumed that for the rest of the stages that unmitigated and mitigated results are the same for the Dartmouth Square West properties, as per the original *Appendix A13.7*.

It is not possible to make any meaningful observation on what has been submitted as it is wholly untransparent and indeed conflicting.

Notwithstanding this, and without prejudice to our point that the documentation is wholly inadequate and contradictory, we are making observations on the basis that, with the exception of the Station Piling Works North, the original *Appendix A13.7* illustrates both unmitigated and mitigated impacts (with the 4m barrier in place).

Notwithstanding the above deficiencies, it is clear that, even with mitigation taken into account, there will be significant to very significant effects upon these properties. Significant effects are an important threshold in the EIA process, as under the Directive, these are effects that must be assessed, and mitigation proposed. The EIAR Guidelines (EPA, 2023), defines *Significant* and *Very Significant Effects* as follows:

- **Significant Effects** An effect which, by its character, magnitude, duration or intensity, alters a sensitive aspect of the environment.
- **Very Significant** An effect which, by its character, magnitude, duration or intensity, significantly alters most of a sensitive aspect of the environment.

There are multiple incidences of significant and very significant effects on all of the properties on Dartmouth Square West, which requires a refusal of permission on these grounds alone. The extracts appended to this submission clearly illustrate these impacts throughout all phases of the development. Given this is a major construction compound for the 8.5 year construction phase, this can only be described as being a devastating impact upon the amenities of those residing in houses. It should be noted that the assessment only considered every second house and so the number of properties affected will be double that illustrated.

3. Hours of Operation

Charlemont is designated as a main construction compound. The hours of operation are summarised in Appendix 5.1 and illustrated in the figure below.

Construction Compound	Local Authority	Standard Working 5.5 days	7- days working (Dayshift only)	7- days working (24 hours)
Charlemont Station	Dublin City	√	<ul style="list-style-type: none">• Station construction• Civils and architectural works• Clear site and reinstate	<ul style="list-style-type: none">• TBM traverse through station• SCL Evacuation & Ventilation Tunnels• MEP station works

It can be seen that there will be significant 24 hour working 7 days a week involving the TBM activities, construction of the evacuation tunnel and associated SCL lining and station works themselves. There will also be weekend working, which is all in addition to the standard 5.5 day working week. This standard working day is Monday to Friday 07:00 hrs to 19:00 hrs (12 hours) and on Saturdays 07:00 hrs to 13:00 hrs (6 hours). It is quite evident that the works undertaken outside of this standard work week is going to be extensive and ongoing given the extent of works required in relation to the station construction, site clearance, tunnel construction and MEP station works. This is effectively going to a 24/7 construction for a significant period of time over the 8.5 years of the project.

While the duration of each activity (advanced enabling works, station piling, south station excavation works, finishing and fit out) is not clearly set out in the documentation, we are assuming that there are noise impacts ongoing throughout all of these phases which extend over a 102 month period, or 8.5 years of the project.

4. Impact upon Human Health and Amenities

The impact upon human health resulting from the construction impacts at Charlemont Station is not adequately addressed in the EIAR. Late working hours and the duration and extent of the noise impacts will impact upon residents and occupiers sleeping, particularly this has been a relatively quiet neighbourhood, particularly at the rear of properties. In addition, the noise and disturbance will have a detrimental and significant effect upon the amenity value of rear gardens, which have experienced a certain tranquillity to date with limited noise from the Luas and traffic on the surrounding road network. This will be altered for a significant length of time, further eroding the amenities of the area.

5. Impact and Property Values

The applicant in its submission Response 42 – Item 70 acknowledge that the

"..impact of the proposed railway on amenity and devaluation of properties is a relevant consideration in ABP's consideration of the Railway Order application, but as outlined elsewhere, TII do not agree that the proposed railway works will cause anything other than a temporary loss of amenity and will not cause the devaluation of properties."

Evidence submitted to the hearing by affected parties, including valuer's reports, has illustrated that there will be a dramatic impact upon property values in the area, particularly during the extensive 8.5 year long construction period. This has the potential to leave property owners with significant levels of negative equity, unable to move owing to the project related devaluation in the value of their properties, yet having to endure the significant adverse effects of the development. The Applicant on the other hand have submitted no valuers reports to support its contention that there will be no impact upon values. They merely say that there will be increase in value as a result of the project.

Furthermore, the applicant suggests that the impacts upon amenity are only *temporary*. The EIAR Guidelines, however, define temporary effects as those lasting less than a year. Effects lasting between seven and fifteen years, as is the case, are defined as *medium term effects* in the Guidelines.

The Applicant has acknowledged that there would be likely significant to very significant effects upon the environmental amenities, particularly in relation to noise. Effectively the applicant has sought to transfer the costs of the significant environmental effects resulting from the development onto the residents of Dartmouth Square West and other residents in the area.

Planning decisions should not adversely affect third party amenities with any associated devaluation of property and Article 43 of the Constitution protects property rights. This development if permitted would infringe those rights.

6. POPS

In response to criticism from all sides about the POPS system as proposed, TII made a number of revisions to the terms during the course of the OH. However, the maximum pay-out levels in the event of structural damage to the homes on the west side of Dartmouth Square will be wholly inadequate. The terrace was built in the 1890s without foundations (as was the practice of the time), and the homes are Protected Structures which will be at risk to serious damage from the effects of ground settlement. TII's own contour maps for predicted ground settlement will result in substantial damage, and the cost of remedial works will run to numbers considerably in excess of the maximum under POPS.

The homeowners are therefore seeking a guarantee and indemnification from TII as a Government body that they will have direct recourse to TII itself and not to an insurance company in the event of such structural damage to their homes.

7. Diaphragm Wall - Red Wall

Much attention was given in Module 2 to a 30 x 30 metre trench which will be very close to homes 14, 15 and 16 but will also be close to other homes on the terrace. This appears in TII's drawings coloured red. Hence the reference to the 'red wall'. TII confirmed in Module 2 that most of the terminus station will be built using the D wall (diaphragm wall) construction method. However, this red wall will be the exception and will be constructed by the secant piling method.

There was an exchange on 26 March between TII and residents from Dartmouth Square West during which TII admitted under questioning that the D wall method is 'more efficient' (TII's term) than

secant piling in excluding water ingress and therefore in reducing the risk of ground settlement which in turn could lead to structural damage to the homes. If the D wall construction method is the favoured construction method elsewhere on the site, then it should also be specified for the 'red wall'. TII owes the same duty of care to all the homeowners along the terrace on the west side of the Square to protect their Protected Structure homes from damage.

If the D wall construction method is acknowledged to be 'more efficient' in excluding water ingress, and therefore poses a lower level of risk of ground settlement and damage to the homes, then it should be used in construction of the 'red wall'. Should ABP decide to grant planning permission for this development, then it should make it a condition of that permission that the D wall construction be used and specified in the contract tender.

8. Conclusions

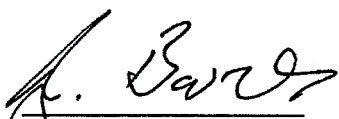
In the first instance we contend that the submitted Appendix A13.7 Errata is incomplete, wholly inadequate and conflicts with the requirements of the Directive. A full and proper assessment should be undertaken of the impacts in relation to airborne noise.

Notwithstanding this, and on the basis of the evidence submitted, the following conclusions can be made.

1. The duration of the significant to very significant effects will have a detrimental and adverse effect upon the human health of the residents.
2. The development will have a very significant adverse effect upon residential amenities of Dartmouth Square West residents and will devalue property.

The applicant has failed to present appropriate and enforceable mitigating measures which remediate these impacts. We therefore urge the Board to omit the southern section of the railway order.

Yours sincerely



Jerry Barnes

Director

MACCABE DURNEY BARNES

Addendum

APPENDIX A13.7 (ORIGINAL)

Activity	Receptor		Predicted CNL, dB L ₉₀ T	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
	1	11 Harcourt Terrace	67	UTS1	70	70	Slight to Moderate	Slight to Moderate
	2	8 Charlemont Terrace	60	UTS2	65	65	Not Significant	Slight to Moderate
	3	6 Charlemont Terrace	58	UTS2	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	56	UTS2	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	54	UTS2	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	42	UTS2	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	44	UTS2	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	48	UTS2	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	49	UTS2	65	65	Not Significant	Not Significant
	10	Harcourt Suites	47	UTS2	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	43	UTS2	70	70	Not Significant	Not Significant
	12	St Finian's Church	45	UTS2	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	54	UTS2	65	65	Not Significant	Not Significant
	14	55 Charlemont Pl (Zend)	58	UTS2	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Wal	46	UTS2	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Wal	41	UTS2	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	52	UTS2	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	50	UTS2	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	48	UTS2	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	47	UTS2	65	65	Not Significant	Not Significant
Advanced Enabling & Utility Works, Site Preparation Works	21	1 Dartmouth Sq	75	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	22	3 Dartmouth Sq	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	23	5 Dartmouth Sq	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	24	7 Dartmouth Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	25	9 Dartmouth Sq	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	26	11 Dartmouth Sq	79	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	27	13 Dartmouth Sq	81	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	28	15 Dartmouth Sq	79	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	29	17 Dartmouth Sq	81	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	30	19 Dartmouth Sq	85	UTS2	65	65	Moderate to Significant	Moderate to Significant
	31	66 Dartmouth Sq	64	UTS2	65	65	Slight to Moderate	Slight to Moderate
	32	64 Dartmouth Sq	60	UTS2	65	65	Not Significant	Slight to Moderate
	33	62 Dartmouth Sq	59	UTS2	65	65	Not Significant	Slight to Moderate
	34	11 Cambridge Sq	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	72	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Sq	70	UTS2	65	65	Moderate to Significant	Moderate to Significant
	37	5 Cambridge Sq	64	UTS2	65	65	Slight to Moderate	Slight to Moderate
	38	3 Cambridge Sq	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
	39	34 Dartmouth Rd	77	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	40	32-33 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	41	31 Dartmouth Rd	75	UTS1	70	70	Moderate to Significant	Moderate to Significant
	42	30 Dartmouth Rd	74	UTS1	70	70	Moderate to Significant	Moderate to Significant
	43	29 Dartmouth Rd	72	UTS1	70	70	Moderate to Significant	Moderate to Significant
	44	26 Dartmouth Rd	74	UTS1	70	70	Moderate to Significant	Moderate to Significant
	45	27 Dartmouth Rd	73	UTS1	70	70	Moderate to Significant	Moderate to Significant
	46	28 Dartmouth Rd	72	UTS1	70	70	Moderate to Significant	Moderate to Significant
	47	8 Dartmouth Pl	57	UTS1	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	56	UTS1	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	50	UTS1	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth	49	UTS2	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crec)	47	UTS2	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	45	UTS2	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	45	UTS2	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	44	UTS2	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	43	UTS2	65	65	Not Significant	Not Significant
	56	Dartmouth House	61	UTS2	65	65	Not Significant	Slight to Moderate
	57	Hilton Hotel	62	UTS2	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Offic	65	UTS2	75	75	Not Significant	Not Significant
	59	Charlemont House (Off	67	UTS2	75	75	Not Significant	Not Significant
	60	2 Grand Parade	81	UTS1	75	75	Significant to Very Significant	Significant to Very Significant
	61	Hines Building (South)	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	83	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	53	UTS2	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	58	UTS2	65	65	Not Significant	Not Significant

Activity	Receptor		Predicted CNL dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
	1	11 Harcourt Terrace	71	UTS1	70	70	Moderate to Significant	Moderate to Significant
	2	8 Charlemont Terrace	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
	3	6 Charlemont Terrace	60	UTS2	65	65	Not Significant	Slight to Moderate
	4	4 Charlemont Terrace	58	UTS2	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	57	UTS2	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	44	UTS2	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	46	UTS2	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	51	UTS2	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	54	UTS2	65	65	Not Significant	Not Significant
	10	Harcourt Suites	50	UTS2	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	44	UTS2	70	70	Not Significant	Not Significant
	12	St Finian's Church	48	UTS2	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	59	UTS2	65	65	Not Significant	Slight to Moderate
	14	55 Charlemont Pl (Zend)	63	UTS2	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Wal	55	UTS2	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Wal	49	UTS2	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	55	UTS2	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	54	UTS2	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	53	UTS2	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	52	UTS2	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	69	UTS2	65	65	Moderate to Significant	Moderate to Significant
Station Piling Works North	22	3 Dartmouth Sq	71	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	23	5 Dartmouth Sq	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	24	7 Dartmouth Sq	76	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	25	9 Dartmouth Sq	79	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	26	11 Dartmouth Sq	83	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	27	13 Dartmouth Sq	84	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	28	15 Dartmouth Sq	84	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	29	17 Dartmouth Sq	84	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	30	65 Dartmouth Sq	49	UTS2	65	65	Not Significant	Not Significant
	31	66 Dartmouth Sq	48	UTS2	65	65	Not Significant	Not Significant
	32	64 Dartmouth Sq	47	UTS2	65	65	Not Significant	Not Significant
	33	62 Dartmouth Sq	46	UTS2	65	65	Not Significant	Not Significant
	34	11 Cambridge Sq	67	UTS2	65	65	Moderate to Significant	Moderate to Significant
	35	10 Cambridge Sq	66	UTS2	65	65	Moderate to Significant	Moderate to Significant
	36	7 Cambridge Sq	66	UTS2	65	65	Moderate to Significant	Moderate to Significant
	37	5 Cambridge Sq	64	UTS2	65	65	Slight to Moderate	Slight to Moderate
	38	3 Cambridge Sq	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
	39	34 Dartmouth Rd	68	UTS1	70	70	Slight to Moderate	Slight to Moderate
	40	32-33 Dartmouth Rd	66	UTS1	70	70	Slight to Moderate	Slight to Moderate
	41	31 Dartmouth Rd	46	UTS1	70	70	Not Significant	Not Significant
	42	30 Dartmouth Rd	46	UTS1	70	70	Not Significant	Not Significant
	43	29 Dartmouth Rd	39	UTS1	70	70	Not Significant	Not Significant
	44	26 Dartmouth Rd	41	UTS1	70	70	Not Significant	Not Significant
	45	27 Dartmouth Rd	40	UTS1	70	70	Not Significant	Not Significant
	46	28 Dartmouth Rd	40	UTS1	70	70	Not Significant	Not Significant
	47	8 Dartmouth Pl	42	UTS1	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	41	UTS1	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	40	UTS1	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth	41	UTS2	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crec)	42	UTS2	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	42	UTS2	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	42	UTS2	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	43	UTS2	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	43	UTS2	65	65	Not Significant	Not Significant
	56	Dartmouth House	64	UTS2	65	65	Slight to Moderate	Slight to Moderate
	57	Hilton Hotel	65	UTS2	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Offic	71	UTS2	75	75	Not Significant	Not Significant
	59	Charlemont House (Off	72	UTS2	75	75	Not Significant	Not Significant
	60	2 Grand Parade	89	UTS1	75	75	Significant to Very Significant	Significant to Very Significant
	61	Hines Building (South)	46	UTS1	70	70	Not Significant	Not Significant
	62	Hines Building (East)	85	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	58	UTS2	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	64	UTS2	65	65	Slight to Moderate	Slight to Moderate

Activity	Receptor		Predicted CNL dB LAeq,T	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
	1	11 Harcourt Terrace	67	UTS1	70	70	Slight to Moderate	Slight to Moderate
	2	8 Charlemont Terrace	59	UTS2	65	65	Not Significant	Slight to Moderate
	3	6 Charlemont Terrace	57	UTS2	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	55	UTS2	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	54	UTS2	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	40	UTS2	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	41	UTS2	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	45	UTS2	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	45	UTS2	65	65	Not Significant	Not Significant
	10	Harcourt Suites	45	UTS2	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	44	UTS2	70	70	Not Significant	Not Significant
	12	St Finian's Church	45	UTS2	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	59	UTS2	65	65	Not Significant	Slight to Moderate
	14	55 Charlemont Pl (Zend	63	UTS2	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Wal	57	UTS2	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Wal	51	UTS2	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	55	UTS2	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	56	UTS2	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	55	UTS2	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	54	UTS2	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	22	3 Dartmouth Sq	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	23	5 Dartmouth Sq	76	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	24	7 Dartmouth Sq	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	25	9 Dartmouth Sq	72	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	26	11 Dartmouth Sq	70	UTS2	65	65	Moderate to Significant	Moderate to Significant
	27	13 Dartmouth Sq	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	28	15 Dartmouth Sq	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	29	17 Dartmouth Sq	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	30	18 Dartmouth Sq	70	UTS2	65	65	Moderate to Significant	Moderate to Significant
	31	66 Dartmouth Sq	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	32	64 Dartmouth Sq	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	33	62 Dartmouth Sq	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
	34	11 Cambridge Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	37	5 Cambridge Sq	67	UTS2	65	65	Moderate to Significant	Moderate to Significant
	38	3 Cambridge Sq	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	39	34 Dartmouth Rd	83	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
Station Piling Works South	40	32-33 Dartmouth Rd	82	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	41	31 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	42	30 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	43	29 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	44	26 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	45	27 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	46	28 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	47	8 Dartmouth Pl	60	UTS1	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	60	UTS1	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	55	UTS1	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth	51	UTS2	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crec	49	UTS2	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	47	UTS2	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	46	UTS2	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	45	UTS2	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	43	UTS2	65	65	Not Significant	Not Significant
	56	Dartmouth House	67	UTS2	65	65	Moderate to Significant	Moderate to Significant
	57	Hilton Hotel	65	UTS2	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Offic	69	UTS2	75	75	Not Significant	Not Significant
	59	Charlemont House (Off	68	UTS2	75	75	Not Significant	Not Significant
	60	2 Grand Parade	68	UTS1	75	75	Not Significant	Not Significant
	61	Hines Building (South)	83	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	49	UTS2	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	61	UTS2	65	65	Not Significant	Slight to Moderate

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
	1	11 Harcourt Terrace	73	UT51	70	70	Moderate to Significant	Moderate to Significant
	2	8 Charlemont Terrace	65	UT52	65	65	Slight to Moderate	Slight to Moderate
	3	6 Charlemont Terrace	63	UT52	65	65	Slight to Moderate	Slight to Moderate
	4	4 Charlemont Terrace	62	UT52	65	65	Not Significant	Slight to Moderate
	5	2 Charlemont Terrace	60	UT52	65	65	Not Significant	Slight to Moderate
	6	17 Harcourt Terrace	47	UT52	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	49	UT52	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	52	UT52	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	56	UT52	65	65	Not Significant	Not Significant
	10	Harcourt Suites	53	UT52	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	49	UT52	70	70	Not Significant	Not Significant
	12	St Finian's Church	51	UT52	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	59	UT52	65	65	Not Significant	Slight to Moderate
	14	55 Charlemont Pl (Zend)	64	UT52	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Wal	51	UT52	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Wal	47	UT52	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	57	UT52	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	56	UT52	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	54	UT52	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	53	UT52	65	65	Not Significant	Not Significant
	21	26 Dartmouth Sq	54	UT52	65	65	Not Significant	Not Significant
	22	3 Dartmouth Sq	80	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	23	5 Dartmouth Sq	80	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	24	7 Dartmouth Sq	80	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	25	9 Dartmouth Sq	82	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	26	11 Dartmouth Sq	85	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	27	13 Dartmouth Sq	86	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	28	15 Dartmouth Sq	86	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	29	17 Dartmouth Sq	86	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	30	19 Dartmouth Sq	72	UT52	65	65	Significant to Very Significant	Significant to Very Significant
South Station Works Excavation - Ground Level (includes batching plant)	31	66 Dartmouth Sq	69	UT52	65	65	Moderate to Significant	Moderate to Significant
	32	64 Dartmouth Sq	67	UT52	65	65	Moderate to Significant	Moderate to Significant
	33	62 Dartmouth Sq	65	UT52	65	65	Slight to Moderate	Slight to Moderate
	34	11 Cambridge Sq	82	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	79	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Sq	77	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	37	5 Cambridge Sq	71	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	38	3 Cambridge Sq	69	UT52	65	65	Moderate to Significant	Moderate to Significant
	39	34 Dartmouth Rd	85	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	40	32-33 Dartmouth Rd	84	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	41	31 Dartmouth Rd	80	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	42	30 Dartmouth Rd	79	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	43	29 Dartmouth Rd	77	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	44	26 Dartmouth Rd	79	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	45	27 Dartmouth Rd	79	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	46	28 Dartmouth Rd	78	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	47	8 Dartmouth Pl	63	UT51	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	63	UT51	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	58	UT51	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth	55	UT52	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crec)	53	UT52	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	51	UT52	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	50	UT52	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	49	UT52	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	48	UT52	65	65	Not Significant	Not Significant
	56	Dartmouth House	66	UT52	65	65	Moderate to Significant	Moderate to Significant
	57	Hilton Hotel	67	UT52	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Offic	72	UT52	75	75	Not Significant	Not Significant
	59	Charlemont House (Off	73	UT52	75	75	Not Significant	Not Significant
	60	2 Grand Parade	92	UT51	75	75	Significant to Very Significant	Significant to Very Significant
	61	Hines Building (South)	86	UT51	70	70	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	87	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	61	UT52	65	65	Not Significant	Slight to Moderate
	64	15 Harcourt Terrace	64	UT52	65	65	Slight to Moderate	Slight to Moderate

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description			Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
	1	11 Harcourt Terrace	67	UTS1	70	70	Slight to Moderate	Slight to Moderate
	2	8 Charlemont Terrace	59	UTS2	65	65	Not Significant	Slight to Moderate
	3	6 Charlemont Terrace	58	UTS2	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	57	UTS2	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	56	UTS2	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	42	UTS2	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	44	UTS2	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	47	UTS2	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	50	UTS2	65	65	Not Significant	Not Significant
	10	Harcourt Suites	47	UTS2	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	44	UTS2	70	70	Not Significant	Not Significant
	12	St Finian's Church	46	UTS2	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	53	UTS2	65	65	Not Significant	Not Significant
	14	55 Charlemont Pl (Zend	58	UTS2	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Wal	47	UTS2	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Wal	42	UTS2	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	53	UTS2	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	52	UTS2	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	50	UTS2	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	49	UTS2	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	22	3 Dartmouth Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	23	5 Dartmouth Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	24	7 Dartmouth Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	25	9 Dartmouth Sq	76	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	26	11 Dartmouth Sq	79	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	27	13 Dartmouth Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	28	15 Dartmouth Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	29	17 Dartmouth Sq	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	30	68 Dartmouth Sq	67	UTS2	65	65	Moderate to Significant	Moderate to Significant
	31	66 Dartmouth Sq	64	UTS2	65	65	Slight to Moderate	Slight to Moderate
	32	64 Dartmouth Sq	62	UTS2	65	65	Not Significant	Slight to Moderate
	33	62 Dartmouth Sq	60	UTS2	65	65	Not Significant	Slight to Moderate
	34	11 Cambridge Sq	78	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Sq	70	UTS2	65	65	Moderate to Significant	Moderate to Significant
	37	5 Cambridge Sq	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	38	3 Cambridge Sq	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
South Station Works Excavation - Underground	39	34 Dartmouth Rd	80	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	40	32-33 Dartmouth Rd	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	41	31 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	42	30 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	43	29 Dartmouth Rd	76	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	44	26 Dartmouth Rd	77	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	45	27 Dartmouth Rd	78	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	46	28 Dartmouth Rd	77	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	47	8 Dartmouth Pl	58	UTS1	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	57	UTS1	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	53	UTS1	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth	50	UTS2	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crec	48	UTS2	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	47	UTS2	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	46	UTS2	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	46	UTS2	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	45	UTS2	65	65	Not Significant	Not Significant
	56	Dartmouth House	60	UTS2	65	65	Not Significant	Slight to Moderate
	57	Hilton Hotel	60	UTS2	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Offic	66	UTS2	75	75	Not Significant	Not Significant
	59	Charlemont House (Off	68	UTS2	75	75	Not Significant	Not Significant
	60	2 Grand Parade	85	UTS1	75	75	Significant to Very Significant	Significant to Very Significant
	61	Hines Building (South)	79	UTS1	70	70	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	81	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	55	UTS2	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	58	UTS2	65	65	Not Significant	Not Significant

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Thresholds		Predicted Magnitude of Impact	
	Ref	Description	Day		Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
	1	11 Harcourt Terrace	62	UTS1	70	70	Not Significant	Not Significant
	2	8 Charlemont Terrace	55	UTS2	65	65	Not Significant	Not Significant
	3	6 Charlemont Terrace	53	UTS2	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	51	UTS2	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	49	UTS2	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	37	UTS2	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	39	UTS2	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	43	UTS2	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	43	UTS2	65	65	Not Significant	Not Significant
	10	Harcourt Suites	42	UTS2	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse	38	UTS2	70	70	Not Significant	Not Significant
	12	St Finian's Church	40	UTS2	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	49	UTS2	65	65	Not Significant	Not Significant
	14	55 Charlemont Pl (Zend	54	UTS2	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Wal	41	UTS2	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Wal	36	UTS2	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	47	UTS2	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	45	UTS2	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	43	UTS2	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	42	UTS2	65	65	Not Significant	Not Significant
Finishing & Fit-Out Works	21	1 Dartmouth Sq	71	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	22	3 Dartmouth Sq	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	23	5 Dartmouth Sq	69	UTS2	65	65	Moderate to Significant	Moderate to Significant
	24	7 Dartmouth Sq	70	UTS2	65	65	Moderate to Significant	Moderate to Significant
	25	9 Dartmouth Sq	72	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	26	11 Dartmouth Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	27	13 Dartmouth Sq	76	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	28	15 Dartmouth Sq	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	29	17 Dartmouth Sq	76	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	30	19 Dartmouth Sq	62	UTS2	65	65	Not Significant	Slight to Moderate
	31	66 Dartmouth Sq	59	UTS2	65	65	Not Significant	Slight to Moderate
	32	64 Dartmouth Sq	56	UTS2	65	65	Not Significant	Not Significant
	33	62 Dartmouth Sq	55	UTS2	65	65	Not Significant	Not Significant
	34	11 Cambridge Sq	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Sq	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	36	7 Cambridge Sq	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	37	5 Cambridge Sq	60	UTS2	65	65	Not Significant	Slight to Moderate
	38	3 Cambridge Sq	58	UTS2	65	65	Not Significant	Not Significant
	39	34 Dartmouth Rd	72	UTS1	70	70	Moderate to Significant	Moderate to Significant
	40	32-33 Dartmouth Rd	74	UTS1	70	70	Moderate to Significant	Moderate to Significant
	41	31 Dartmouth Rd	72	UTS1	70	70	Moderate to Significant	Moderate to Significant
	42	30 Dartmouth Rd	71	UTS1	70	70	Moderate to Significant	Moderate to Significant
	43	29 Dartmouth Rd	69	UTS1	70	70	Slight to Moderate	Slight to Moderate
	44	26 Dartmouth Rd	71	UTS1	70	70	Moderate to Significant	Moderate to Significant
	45	27 Dartmouth Rd	71	UTS1	70	70	Moderate to Significant	Moderate to Significant
	46	28 Dartmouth Rd	70	UTS1	70	70	Slight to Moderate	Slight to Moderate
	47	8 Dartmouth Pl	52	UTS1	70	70	Not Significant	Not Significant
	48	10 Dartmouth Pl	51	UTS1	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth Pl	45	UTS1	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth	44	UTS2	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Crec	43	UTS2	65	65	Not Significant	Not Significant
	52	7 Dartmouth Pl	40	UTS2	65	65	Not Significant	Not Significant
	53	3 Dartmouth Pl	40	UTS2	65	65	Not Significant	Not Significant
	54	1 Dartmouth Pl	39	UTS2	65	65	Not Significant	Not Significant
	55	1a & 2a Dartmouth Pl	38	UTS2	65	65	Not Significant	Not Significant
	56	Dartmouth House	57	UTS2	65	65	Not Significant	Not Significant
	57	Hilton Hotel	57	UTS2	70	70	Not Significant	Not Significant
	58	21 Charlemont Pl (Offic	60	UTS2	75	75	Not Significant	Not Significant
	59	Charlemont House (Off	62	UTS2	75	75	Not Significant	Not Significant
	60	2 Grand Parade	76	UTS1	75	75	Moderate to Significant	Moderate to Significant
	61	Hines Building (South)	74	UTS1	70	70	Moderate to Significant	Moderate to Significant
	62	Hines Building (East)	78	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	63	16 Harcourt Terrace	48	UTS2	65	65	Not Significant	Not Significant
	64	15 Harcourt Terrace	53	UTS2	65	65	Not Significant	Not Significant

Appendix A13.7: Charlemont Station – Errata

Unmitigated Results

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Advanced Enabling & Utility Works, Site Preparation Works	34	11 Cambridge Terrace	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Terrace	72	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Terrace	70	UTS2	65	65	Moderate to Significant	Moderate to Significant
	37	5 Cambridge Terrace	64	UTS2	65	65	Slight to Moderate	Slight to Moderate
	38	3 Cambridge Terrace	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
	61	Hines Building (South)	79	UTS1	75	75	Moderate to Significant	Moderate to Significant
Station Piling Works North	62	Hines Building (East)	83	UTS2	75	75	Significant to Very Significant	Significant to Very Significant
	34	11 Cambridge Terrace	67	UTS2	65	65	Moderate to Significant	Moderate to Significant
	35	10 Cambridge Terrace	66	UTS2	65	65	Moderate to Significant	Moderate to Significant
	36	7 Cambridge Terrace	66	UTS2	65	65	Moderate to Significant	Moderate to Significant
	37	5 Cambridge Terrace	64	UTS2	65	65	Slight to Moderate	Slight to Moderate
	38	3 Cambridge Terrace	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
Station Piling Works South	61	Hines Building (South)	46	UTS1	75	75	Not Significant	Not Significant
	62	Hines Building (East)	85	UTS2	75	75	Significant to Very Significant	Significant to Very Significant
	34	11 Cambridge Terrace	80	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Terrace	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Terrace	74	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	37	5 Cambridge Terrace	67	UTS2	65	65	Moderate to Significant	Moderate to Significant
South Station Works Excavation - Gound Level (includes	38	3 Cambridge Terrace	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	61	Hines Building (South)	83	UTS1	75	75	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	80	UTS2	75	75	Moderate to Significant	Moderate to Significant
	34	11 Cambridge Terrace	82	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Terrace	79	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	36	7 Cambridge Terrace	77	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
South Station Works Excavation Undergrou nd	37	5 Cambridge Terrace	71	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	38	3 Cambridge Terrace	69	UTS2	65	65	Moderate to Significant	Moderate to Significant
	61	Hines Building (South)	86	UTS1	75	75	Significant to Very Significant	Significant to Very Significant
	62	Hines Building (East)	87	UTS2	75	75	Significant to Very Significant	Significant to Very Significant
	34	11 Cambridge Terrace	78	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Terrace	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
Finishing & Fit-Out Works	36	7 Cambridge Terrace	70	UTS2	65	65	Moderate to Significant	Moderate to Significant
	37	5 Cambridge Terrace	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	38	3 Cambridge Terrace	63	UTS2	65	65	Slight to Moderate	Slight to Moderate
	61	Hines Building (South)	79	UTS1	75	75	Moderate to Significant	Moderate to Significant
	62	Hines Building (East)	81	UTS2	75	75	Significant to Very Significant	Significant to Very Significant
	34	11 Cambridge Terrace	73	UTS2	65	65	Significant to Very Significant	Significant to Very Significant
Finishing & Fit-Out Works	35	10 Cambridge Terrace	68	UTS2	65	65	Moderate to Significant	Moderate to Significant
	36	7 Cambridge Terrace	65	UTS2	65	65	Slight to Moderate	Slight to Moderate
	37	5 Cambridge Terrace	60	UTS2	65	65	Not Significant	Slight to Moderate
	38	3 Cambridge Terrace	58	UTS2	65	65	Not Significant	Not Significant
	61	Hines Building (South)	74	UTS1	75	75	Not Significant	Not Significant
	62	Hines Building (East)	78	UTS2	75	75	Moderate to Significant	Moderate to Significant

Appendix A13.7: Charlemont Station – Erratta Mitigated Results

Activity	Receptor		Predicted CNL, dB L _{Aeq,T}	Baseline Ref	Construction Noise Threshold		Predicted Magnitude of Impact	
	Ref	Description			Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)	Weekday Day (07:00 - 19:00)	Saturday Morning (07:00 - 13:00)
Advanced Enabling & Utility Works, Site Preparation Works	34	11 Cambridge Terrace	72	UT52	65	65	Significant to Very Significant	Significant to Very Significant
	35	10 Cambridge Terrace	63	UT52	65	65	Slight to Moderate	Slight to Moderate
	36	7 Cambridge Terrace	61	UT52	65	65	Not Significant	Slight to Moderate
	37	5 Cambridge Terrace	55	UT52	65	65	Not Significant	Not Significant
	38	3 Cambridge Terrace	54	UT52	65	65	Not Significant	Not Significant
	39	34 Dartmouth Rd	70	UT51	70	70	Slight to Moderate	Slight to Moderate
	40	32-33 Dartmouth Rd	71	UT51	70	70	Moderate to Significant	Moderate to Significant
	61	Hines Building (South)	74	UT51	75	75	Not Significant	Not Significant
Station Piling Works North	62	Hines Building (East)	78	UT52	75	75	Moderate to Significant	Moderate to Significant
	1	11 Harcourt Terrace	65	UT51	70	70	Not Significant	Slight to Moderate
	2	8 Charlemont Terrace	58	UT52	65	65	Not Significant	Not Significant
	3	6 Charlemont Terrace	56	UT52	65	65	Not Significant	Not Significant
	4	4 Charlemont Terrace	54	UT52	65	65	Not Significant	Not Significant
	5	2 Charlemont Terrace	53	UT52	65	65	Not Significant	Not Significant
	6	17 Harcourt Terrace	43	UT52	65	65	Not Significant	Not Significant
	7	18 Harcourt Terrace	44	UT52	65	65	Not Significant	Not Significant
	8	19 Harcourt Terrace	46	UT52	65	65	Not Significant	Not Significant
	9	20 Harcourt Terrace	49	UT52	65	65	Not Significant	Not Significant
	10	Harcourt Suites	47	UT52	65	65	Not Significant	Not Significant
	11	The Wilder Townhouse (Hotel)	42	UT52	70	70	Not Significant	Not Significant
	12	St Finian's Church	45	UT52	70	70	Not Significant	Not Significant
	13	25 Adelaide Rd	54	UT52	65	65	Not Significant	Not Significant
	14	55 Charlemont PI (Zendesk Office)	59	UT52	75	75	Not Significant	Not Significant
	15	20 - 27 Dartmouth Walk	50	UT52	65	65	Not Significant	Not Significant
	16	33 - 36 Dartmouth Walk	45	UT52	65	65	Not Significant	Not Significant
	17	18 Dartmouth Sq	52	UT52	65	65	Not Significant	Not Significant
	18	20 Dartmouth Sq	51	UT52	65	65	Not Significant	Not Significant
	19	22 Dartmouth Sq	49	UT52	65	65	Not Significant	Not Significant
	20	24 Dartmouth Sq	48	UT52	65	65	Not Significant	Not Significant
	21	1 Dartmouth Sq	59	UT52	65	65	Not Significant	Slight to Moderate
	22	3 Dartmouth Sq	60	UT52	65	65	Not Significant	Slight to Moderate
	23	5 Dartmouth Sq	61	UT52	65	65	Not Significant	Slight to Moderate
	24	7 Dartmouth Sq	63	UT52	65	65	Slight to Moderate	Slight to Moderate
	25	9 Dartmouth Sq	65	UT52	65	65	Slight to Moderate	Slight to Moderate
	26	11 Dartmouth Sq	67	UT52	65	65	Moderate to Significant	Moderate to Significant
	27	13 Dartmouth Sq	68	UT52	65	65	Moderate to Significant	Moderate to Significant
	28	15 Dartmouth Sq	69	UT52	65	65	Moderate to Significant	Moderate to Significant
	29	17 Dartmouth Sq	69	UT52	65	65	Moderate to Significant	Moderate to Significant
	30	68 Dartmouth Sq	47	UT52	65	65	Not Significant	Not Significant
	31	66 Dartmouth Sq	46	UT52	65	65	Not Significant	Not Significant
	32	64 Dartmouth Sq	45	UT52	65	65	Not Significant	Not Significant
	33	62 Dartmouth Sq	44	UT52	65	65	Not Significant	Not Significant
	34	11 Cambridge Terrace	64	UT52	65	65	Slight to Moderate	Slight to Moderate
	35	10 Cambridge Terrace	65	UT52	65	65	Slight to Moderate	Slight to Moderate
	36	7 Cambridge Terrace	64	UT52	65	65	Slight to Moderate	Slight to Moderate
	37	5 Cambridge Terrace	60	UT52	65	65	Not Significant	Slight to Moderate
	38	3 Cambridge Terrace	59	UT52	65	65	Not Significant	Slight to Moderate
	39	34 Dartmouth Rd	68	UT51	70	70	Slight to Moderate	Slight to Moderate
	40	32-33 Dartmouth Rd	66	UT51	70	70	Slight to Moderate	Slight to Moderate
	41	31 Dartmouth Rd	46	UT51	70	70	Not Significant	Not Significant
	42	30 Dartmouth Rd	46	UT51	70	70	Not Significant	Not Significant
	43	29 Dartmouth Rd	39	UT51	70	70	Not Significant	Not Significant
	44	26 Dartmouth Rd	41	UT51	70	70	Not Significant	Not Significant
	45	27 Dartmouth Rd	40	UT51	70	70	Not Significant	Not Significant
	46	28 Dartmouth Rd	40	UT51	70	70	Not Significant	Not Significant
	47	8 Dartmouth PI	42	UT51	70	70	Not Significant	Not Significant
	48	10 Dartmouth PI	41	UT51	70	70	Not Significant	Not Significant
	49	1-2 Dartmouth PI	40	UT51	70	70	Not Significant	Not Significant
	50	The Mews, Dartmouth PI (Office Solicitor)	41	UT52	75	75	Not Significant	Not Significant
	51	Dartmouth Court (Creche)	42	UT52	65	65	Not Significant	Not Significant



	52	7 Dartmouth Pl	42	UT52	65	65	Not Significant	Not Significant
--	----	----------------	----	------	----	----	-----------------	-----------------