

## “Quiet Work” Residents Survey

### Context.

Residents, particularly around Brookfield, Cameron Sq and O’Reilly Ave, but also on SCR have suffered regular disturbance by the 6am starts 3 times a week as permitted by existing DCC concrete pour derogations. Residents at the Residents Project Monitoring Committee (RPMC) have challenged the need for a 6:00am start and have looked for the 7am starts except for particular circumstances.

At the same time BAM conducted a late night working test - last Thurs in August - with permission from DCC, conducting “quiet” works - mostly use of tower cranes to move equipment and set columns and walls in place for fitting the next day. BAM claim that the reason for this extension to the working day is for health and safety grounds and that it is safer to move some equipment during the sites “down time” while there are no workers on site.

As sub committee of the RPMC was established and the following duration conditions and parameters were agreed.

### Quiet Work

The test period will cover a five period from the end of September to the end of October, it will consist of various durations and locations. At the end of that period the sub committee will reconvene and review the Trial Period findings.

The parameters of the trial period are as follows:

- BAM to defer start times for granted derogations to ensure works do not start and deliveries do not occur before 7am (this includes no machinery starting or moving within the site before 7am).
- On the above dates BAM will arrange for all deliveries of precast columns, twin walls, Bamtec and loose bar reinforcement to occur before 7pm each evening.
- The trial will take place on the Northside and Southside of the site.
- BAM to work on power floating on both derogation days until midnight and to work on “quiet” activities such as lifting in precast columns, twin walls, Bamtec & loose bar reinforcement, moving decking tables, removing surplus materials, emptying crane skips and portaloos, loading out M&E plant/equipment/materials, etc. using tower cranes also on both derogation days until midnight.
- BAM will install an independent noise monitor at a suitable location within the site at representative distance from nearest property while being screened from traffic passing on nearby north road to assess work noise in comparison to ambient levels
- On these dates BAM will ensure that no deliveries enter the site or lorries/vehicles leave the site between the hours of 7pm and 7am.
- BAM will ensure that staff and personnel are kept to minimum to safely execute the works while not gathering near neighbouring properties or causing nuisance.

- BAM will ensure that any work area lighting and tower crane lighting is directed downwards and inwards into the site so as not to cause light pollution outside the site boundary.
- During our works, site personnel will be reminded of the proximity to local residences and we will make every effort to minimise disruption as far as possible. For general enquiries related to ongoing construction activities please continue to contact the 24/7 Residents

## Monitoring

As well as the ongoing monitoring system, including noise vibration and dust measurement and a telephone complaints line two additional monitoring actions were built into the trial the first was additional noise monitoring within the site in the working north and south zones and the second was a survey of residents experience of the trial to be undertaken after the completion of the test period.

## The survey

The survey was conducted by the Residents Alliance Group and forms were distributed on the 5<sup>th</sup> and 6<sup>th</sup> of November and collected on the 9<sup>th</sup> of November. The target houses were perimeter houses numbering some 103 houses on the north and West side of the site. The south side along James’s Walk was not included.

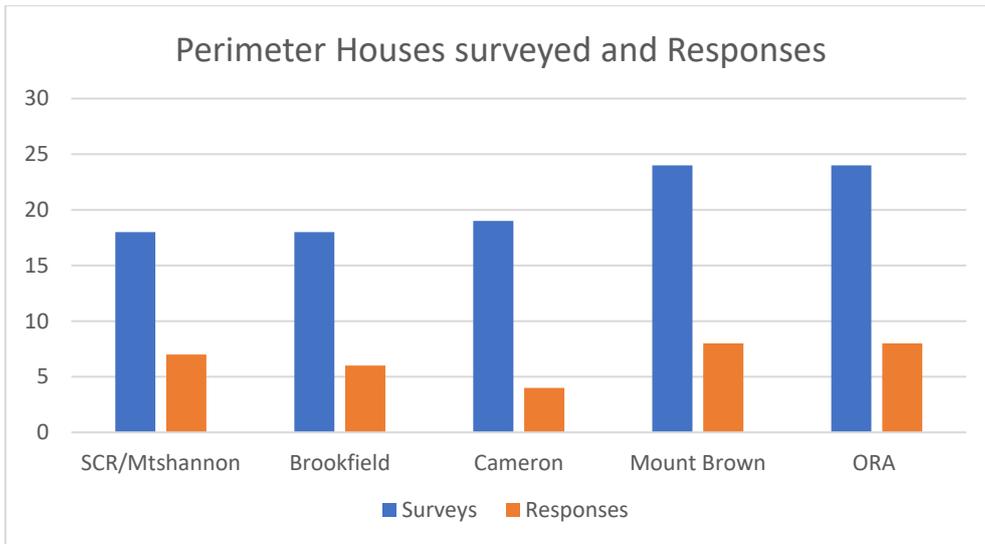
## Distribution and Response

### Distributed 103 Surveys

There was an overall response rate of 32% , with a third of all households surveyed in SCR /Mountshannon, Brookfield and Mount Brown responding while the houses most exposed to the site Cameron had the lowest response rate of 21%.

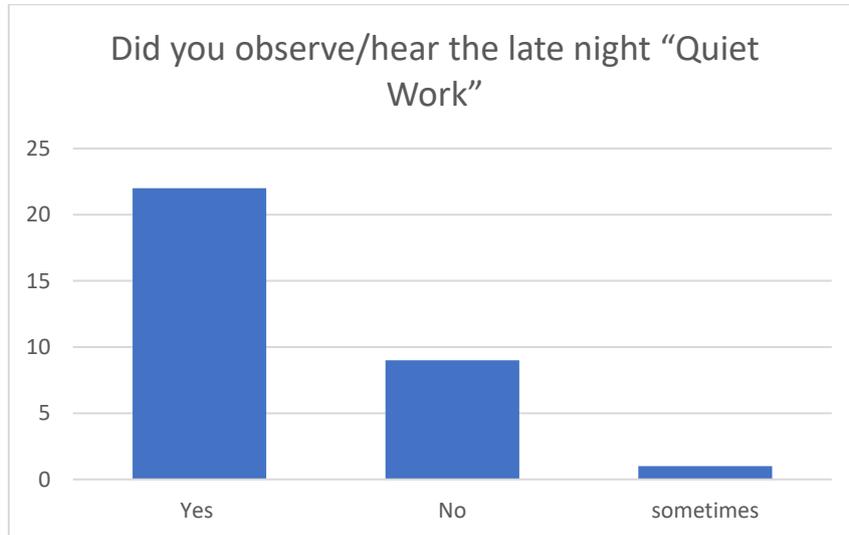
Perimeter Houses	%
SCR/Mtshannon	39
Brookfield	33
Cameron Sq	21
Mount Brown	33
ORA	33
<b>Total</b>	<b>32</b>

It is reasonable to assume that the low levels of response represent a passive acceptance to the “Quiet Work”. Cameron Sq had disproportionately low response compared to other areas.

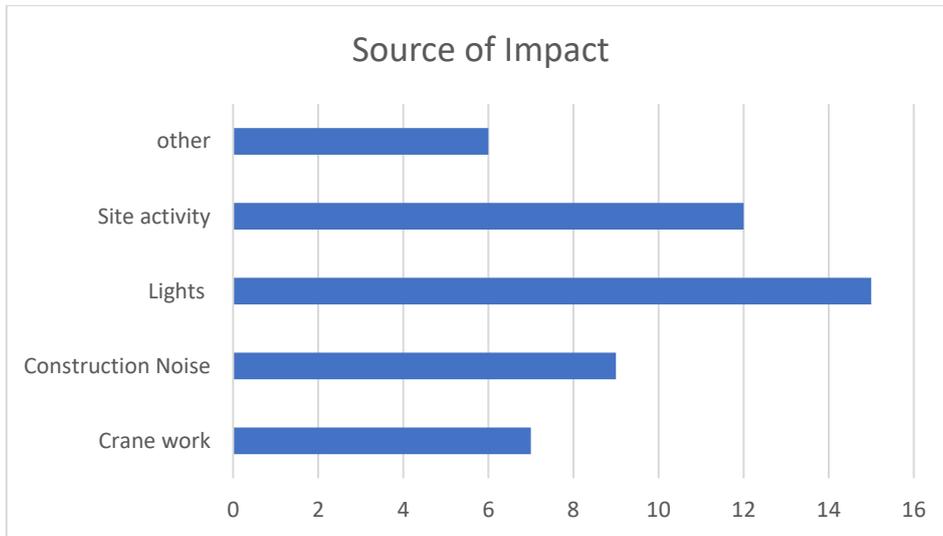


### Survey Findings

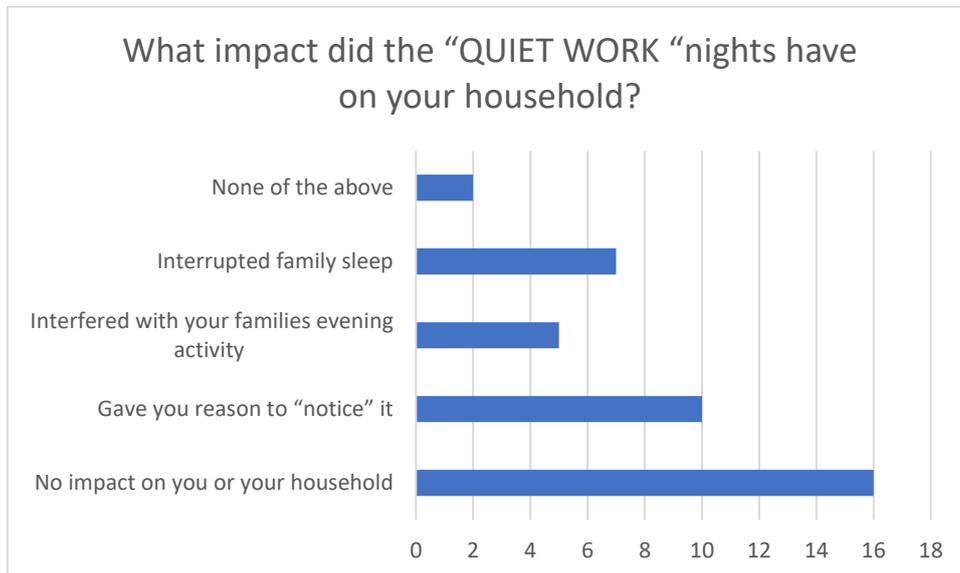
67% of the respondents did observe or hear the late night "Quiet Work".



Light pollution was the impact most people observed followed by Site Activity and Construction Noise and Crane noise and movement had the least impact on respondents.

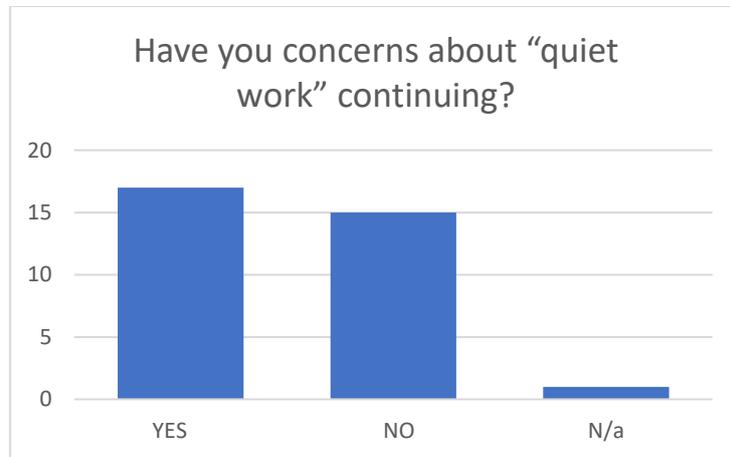


48% of all respondents state that the "Quiet Work " had no impact on their households. While at the same time 21% state that the "Quiet Work" disturbed sleep and 15% stated that the "Quiet Work" interfered with families evening activities.

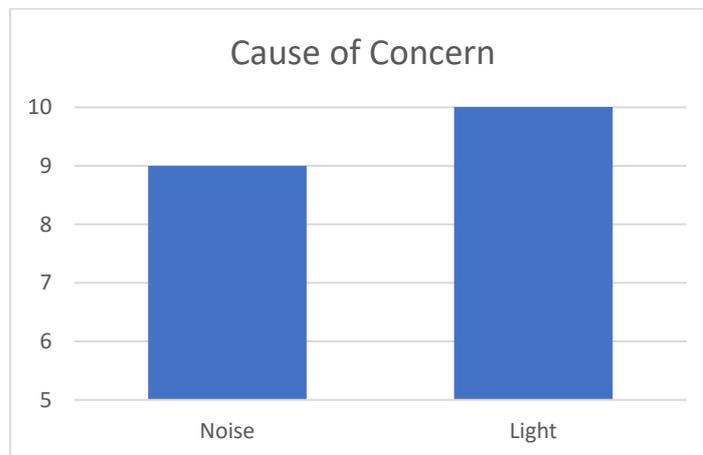


Light pollution relates to the crane lights and that impacts directly on households adjacent to cranes and it impacts on peoples sleep.

Respondents who expressed concerns about quiet work into the future are in a slight majority.



The primary cause of concern is light pollution although Noise/ Site Activity is also a concern.



Other causes of concern.

The major concern about going forward is that "Quiet Work " will not continue to be quiet.

Other concerns included

<p>BAM have a habit of not sticking to what they promise                  As long as they stick to starting times                  Early starts are a disturbance                  Hours already long enough</p>
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