

Tideway Central:

Community Liaison Working Group 04/12/18

Heathwall Pumping Station & Kirtling Street



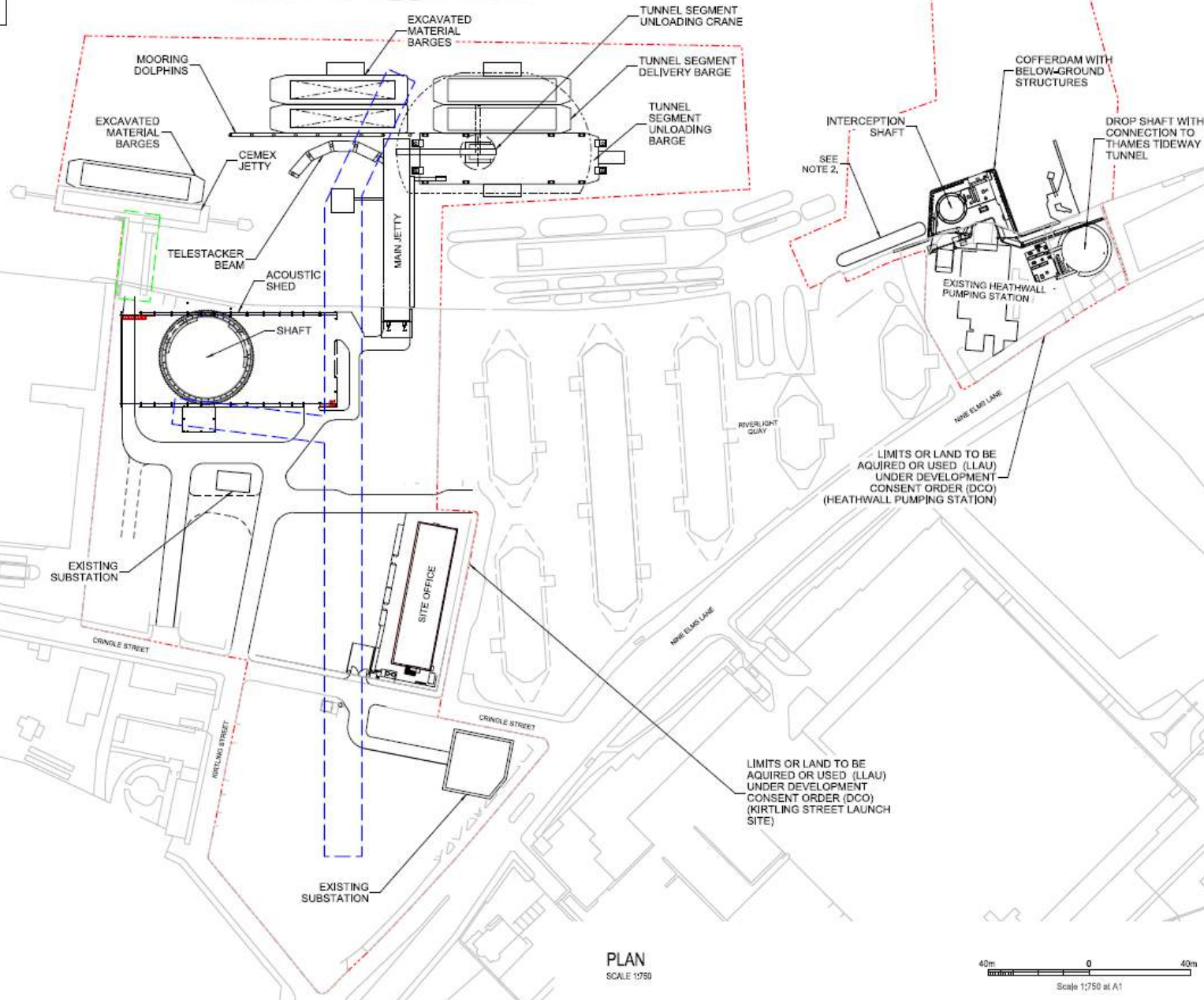
Agenda

- Tideway Central Project Overview
- Heathwall Site Progress
- Kirtling Street Site Progress
- Actions from Last Meeting

TIDEWAY CENTRAL PROJECT OVERVIEW



RIVER THAMES



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- NOTES:
1. DRAWING CORRECT AS OF DATE IN REVISION HISTORY / CURRENT REVISION. REPRESENTATIONS ARE SUBJECT TO VARIATION AS WORK PROGRESSES.
 2. BATTERSEA BARGE RELOCATED DURING HEAPS MOVING WORKS

- KEY:
- MUCK CONVEYOR
 - ACCESS BRIDGE

Work In Progress

Revision History					
No.	Description	Date	Drawn	Check	Rev
Current Revision					
01					31/08/10

P01.3

Contractor Approval: —
 Work In Progress S0

Location
 Contract Wide
 CONTRACT WIDE
 Document Information
 FLoJV
 REPRESENTATION OF HEAPS FINAL LAYOUT & KRTST TEMPORARY WORKS LAYOUT WITH NINE ELMS PIER AND HOUSE BOATS
 —
 4000-FLOJV-TTCEN490-CZ-DH-000001
 OFFICIAL

PLAN
 SCALE 1:750



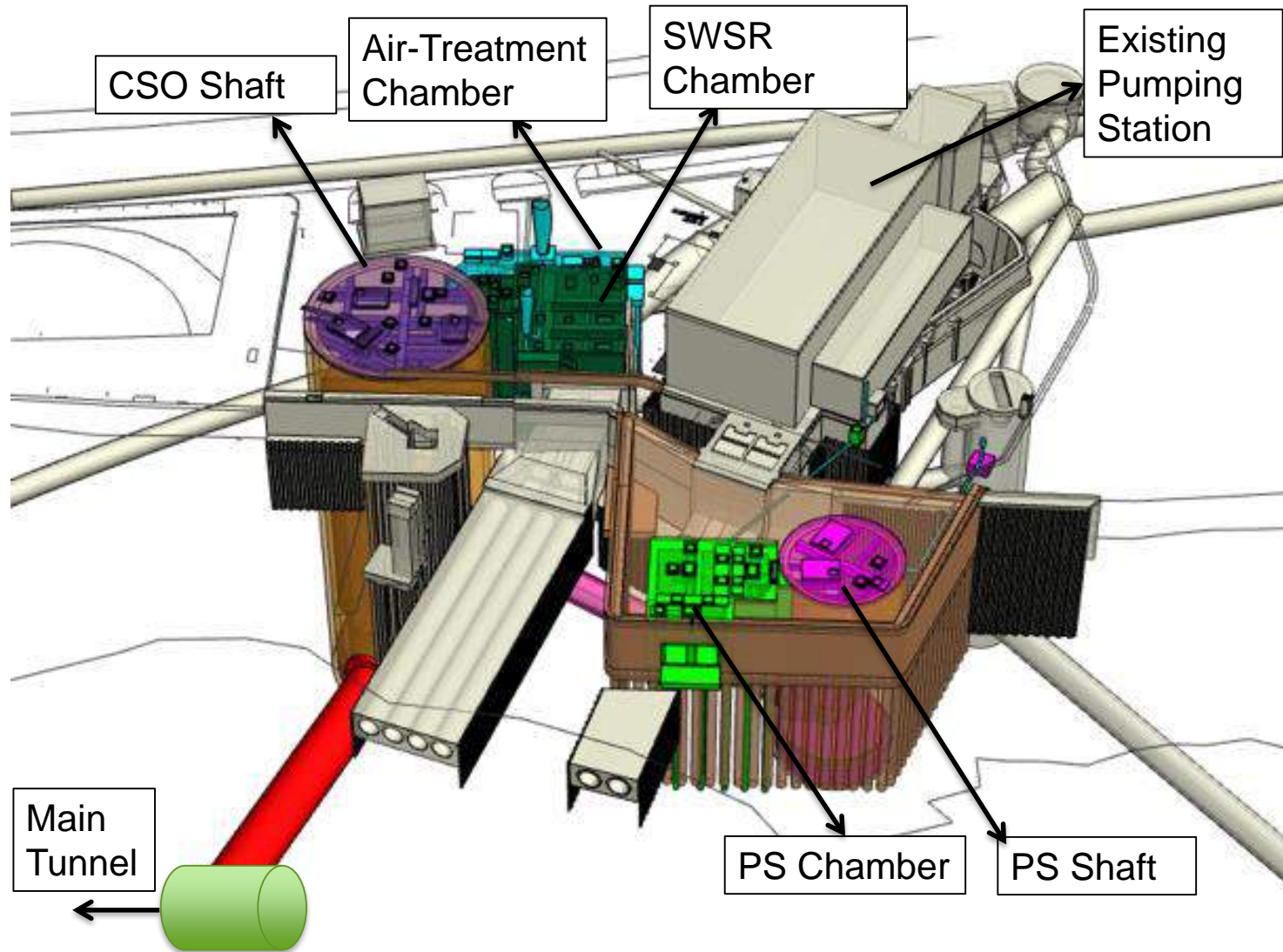
Video

<https://www.youtube.com/watch?v=uASpDGnCHs0>

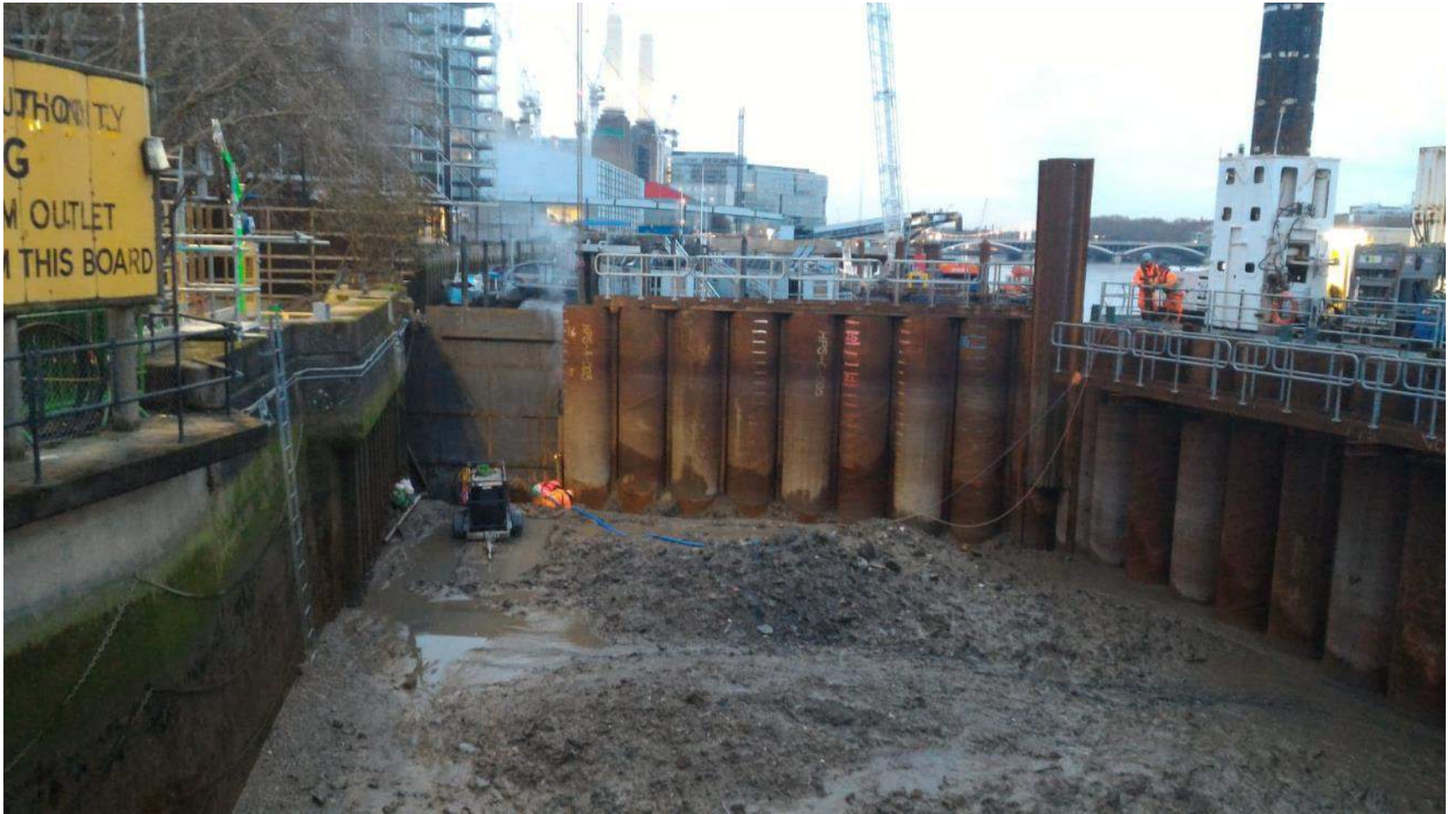
HEATHWALL PUMPING STATION UPDATE

Tiago Palas – Site Agent

Heathwall Pumping Station Works







Heathwall Final *Action 4*



KIRTLING STREET RECENT WORKS

Noel Cooper – Tunnel Senior Project Manager

Kirtling Progress

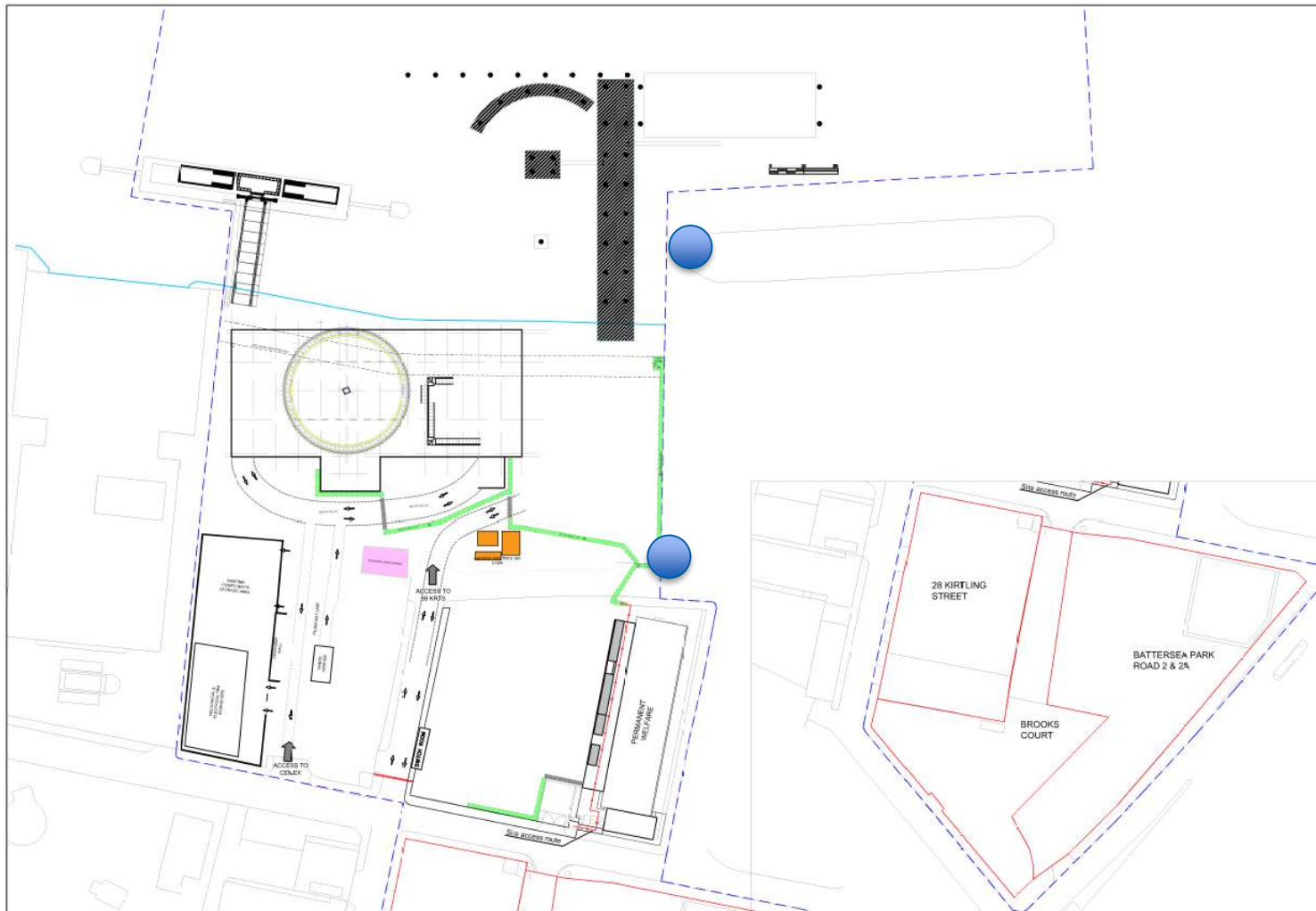


Items from Last Meeting

1. Correct Noise Monitor Locations

Noise Monitoring Exceedances

- Kirtling Monitor Locations



Items from Last Meeting

- 1. Correct Noise Monitor Locations**
- 2. Noise from Conveyor Operation**

Noise from Conveyor Operation

- Conveyor operation began last week
 - Attended monitoring undertaken
 - Identified areas for improvement that we have actioned, with some improvements still to be complete.
 - No issue with compliance to Section 61

Items from Last Meeting

- 1. Correct Noise Monitor Locations**
- 2. Noise from Conveyor Operation**
- 3. Air Quality Monitoring on Nine Elms Pier**

Air Quality Monitoring Nine Elms Pier *Action 6*

- Communication from Aecom – Air Quality specialist confirmed:
 - Following factors mean that a monitor is not an effective way to manage AQ issues arising from tug movements:
 - Upwind.
 - Open location - High dispersion of exhaust
 - Too low PM10 concentration from tugs
 - Reduction measures we will implement anyway
 - Centre line of river
 - Movements between HEAPS and KRTST reducing
- We will continue to monitor

Items from Last Meeting

- 1. Correct Noise Monitor Locations**
- 2. Noise from Conveyor Operation**
- 3. Air Quality Monitoring on Nine Elms Pier**
- 4. Confirmation of Nine Elms Reporting**

Confirmation of Nine Elms Reporting

- Monitor to help us in managing noise issues
- We still record data and issue to LBW
- We do not report on the exceedances as we know that our operations will cause a high number of exceedances.
 - Therefore we have already offered mitigation to residents.

Items from Last Meeting

- 1. Correct Noise Monitor Locations**
- 2. Noise from Conveyor Operation**
- 3. Air Quality Monitoring on Nine Elms Pier**
- 4. Confirmation of Nine Elms Reporting**
- 5. Receipt of Surveys and River Times**

Receipt of Surveys and River Times

- A notification from FLo will be sent when such items are distributed.

Items from Last Meeting

- 1. Correct Noise Monitor Locations**
- 2. Noise from Conveyor Operation**
- 3. Air Quality Monitoring on Nine Elms Pier**
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- 5. Receipt of Surveys and River Times**
- 6. Brooks Court Monitors**

Brooks Court Monitors – Action 9

- Stopped after CLWG
- L Blocks finished 03/11/18
- Complaint from point 2 on 06/11/18
- Segment breaking on 27/11/18 after erection of L Block Wall
- Compliant on 29/11/18
- Stopped



Brooks Court Monitors – *Action 9*

- Attended noise monitoring following umbilical launch
- Relocate Air Quality Monitor from South – looking into best location

Items from Last Meeting

- 1. Correct Noise Monitor Locations**
- 2. Noise from Conveyor Operation**
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- 5. Receipt of Surveys and River Times**
- 6. Brooks Court Monitors**
- 7. Data Capture**

Data Capture – Kirtling – *Action 10*

- Air Quality

- AA1 (Riverlight)

- Aug 100%
- Sept 100%
- Oct 99%

- AA2 (Brooks court South)

- Aug 100%
- Sept 100%
- Oct 99%

- Noise

- NM1 (Riverlight)

- Aug 100%
- Sept 99.5%
- Oct 99%
- Nov 99%

- Noise

- NM2 (Nine Elms Pier)

- Aug 99.5%
- Sept 99.5%
- Oct 99.5%
- Nov 99.5%

Data Capture - Heathwall

- Air Quality

- HEAPS/AA/2

- August - 99.9%
- September - 100%
- October - 99.9%
- November

- HEAPS/AA/3

- August - 99.5%
- September - 99.9%
- October - 99.7%
- November

- HEAPS/AA/4A

- August - 100%
- September – 100%
- October - 99.9%
- November

- Noise

- HEAPS/NM/2

- August – 99.5%
- September - 99.75%
- October – 100%
- November – 100%

- HEAPS/NM/3

- August – 99.75%
- September – 99.75%
- October – 99.75%
- November - 100%

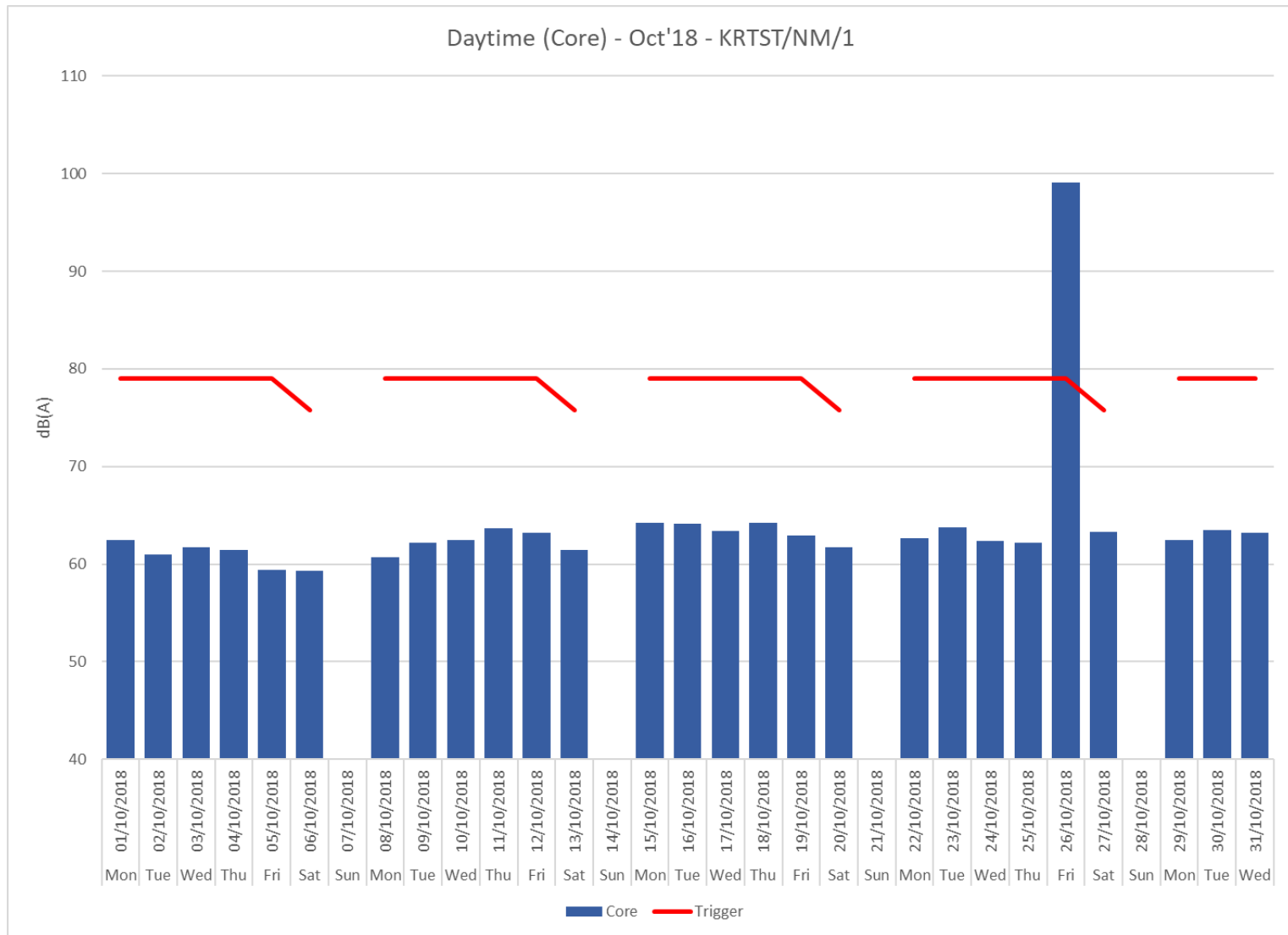
- HEAPS/NM/4A

- August – 99.75%
- September – 99.75%
- October – 100%
- November - 99.75%

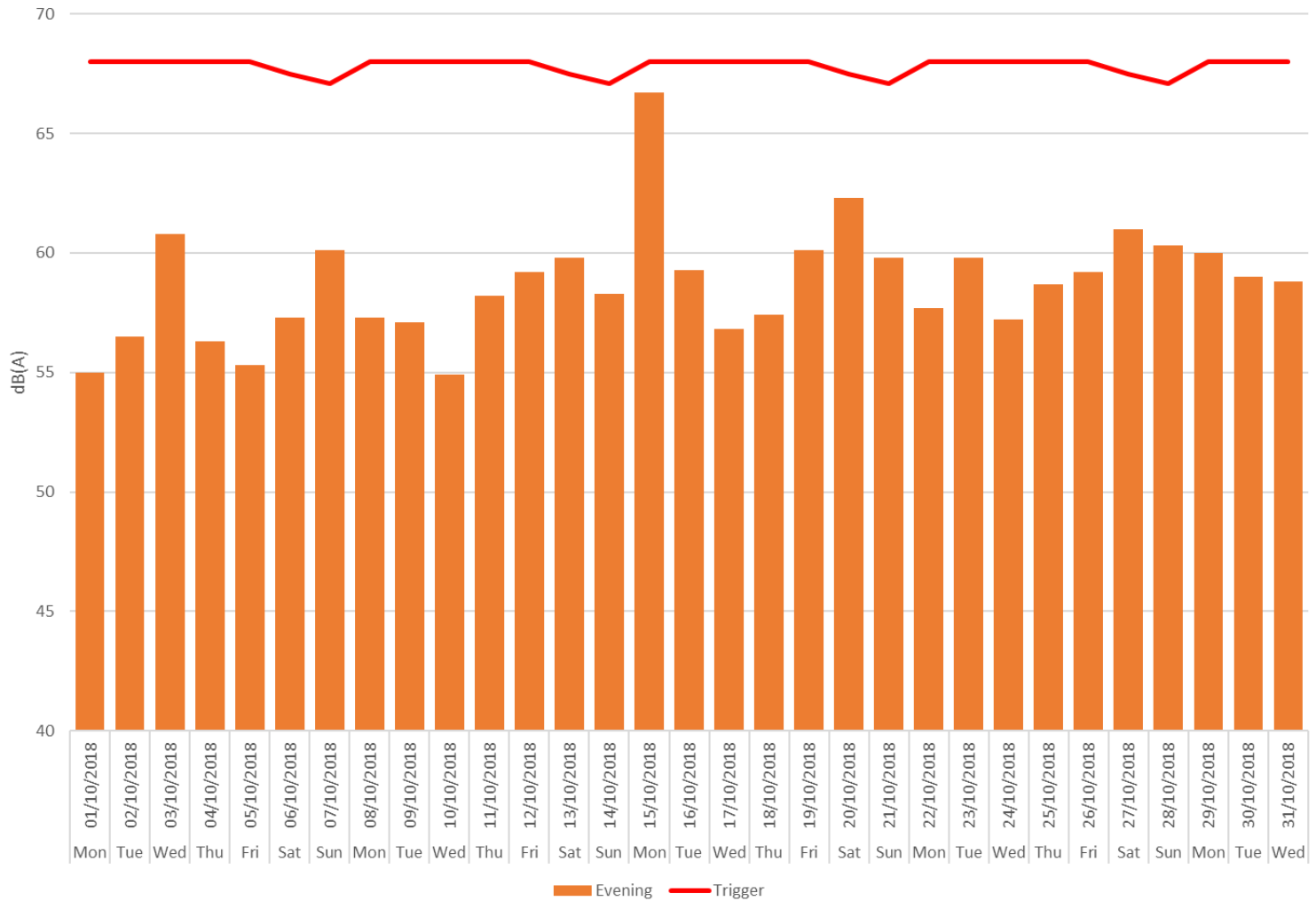
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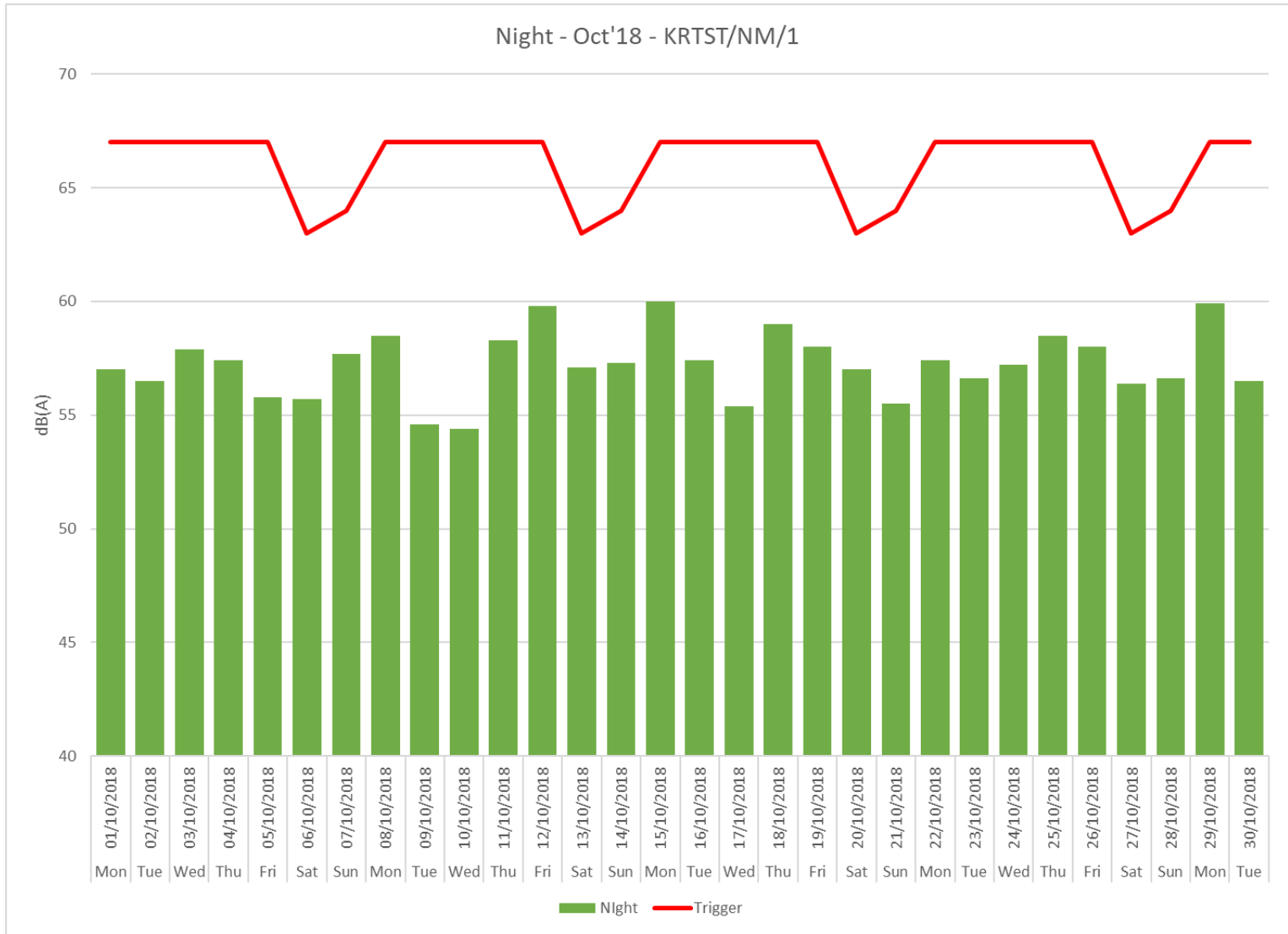
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- 8. Trigger Levels**

Trigger Levels *Action 7*

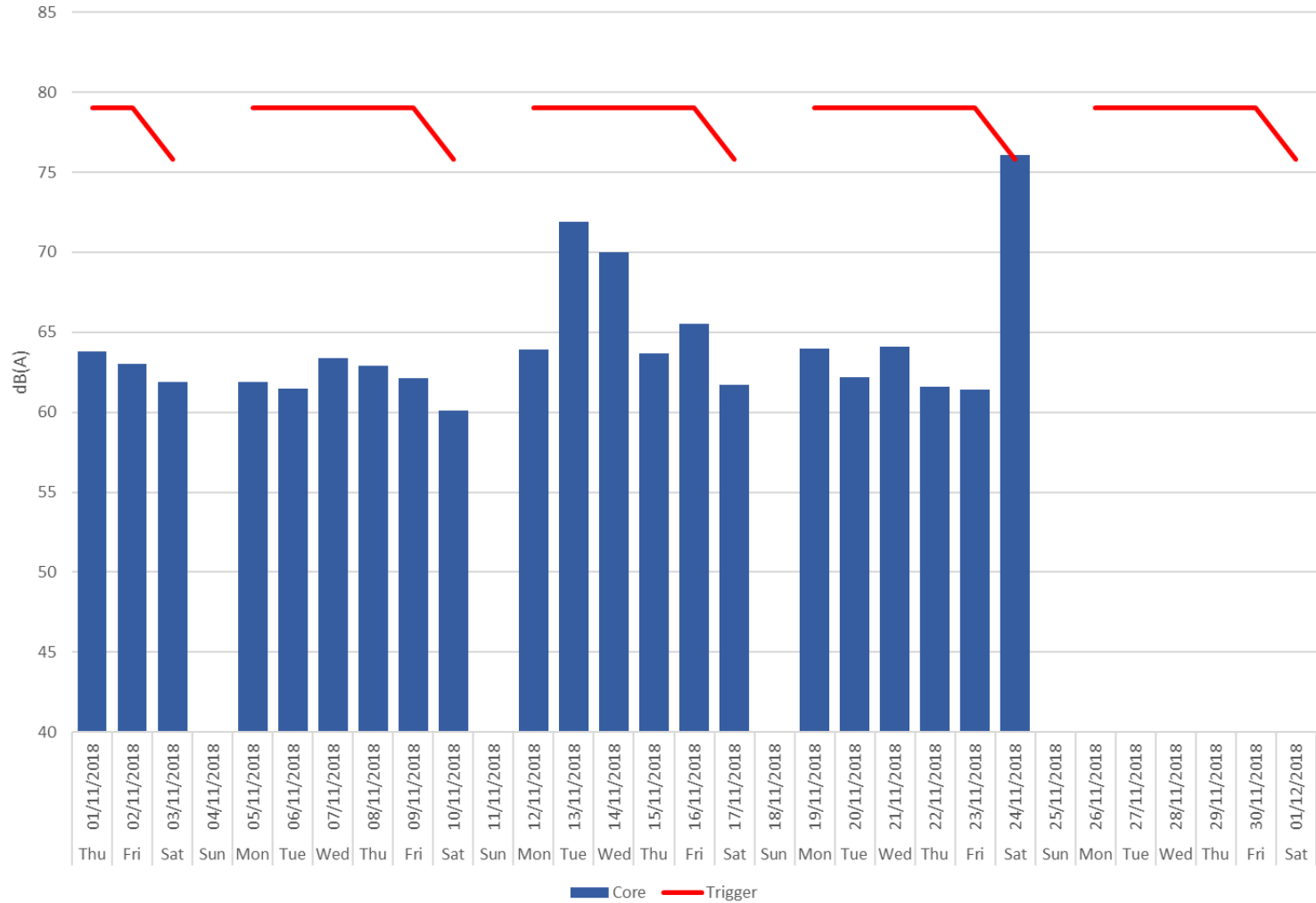


Evening (Extended) - Oct'18 - KRTST/NM/1

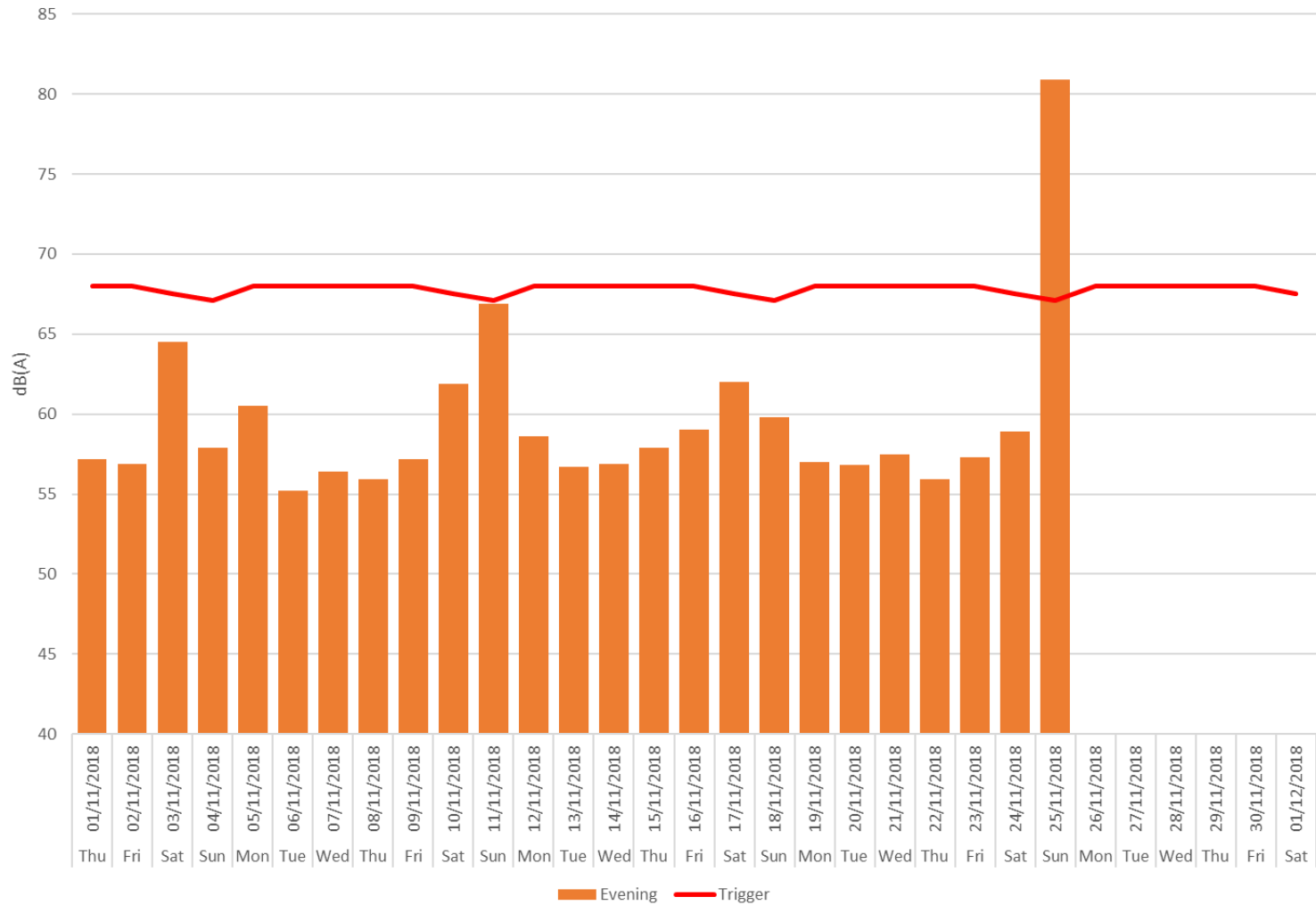


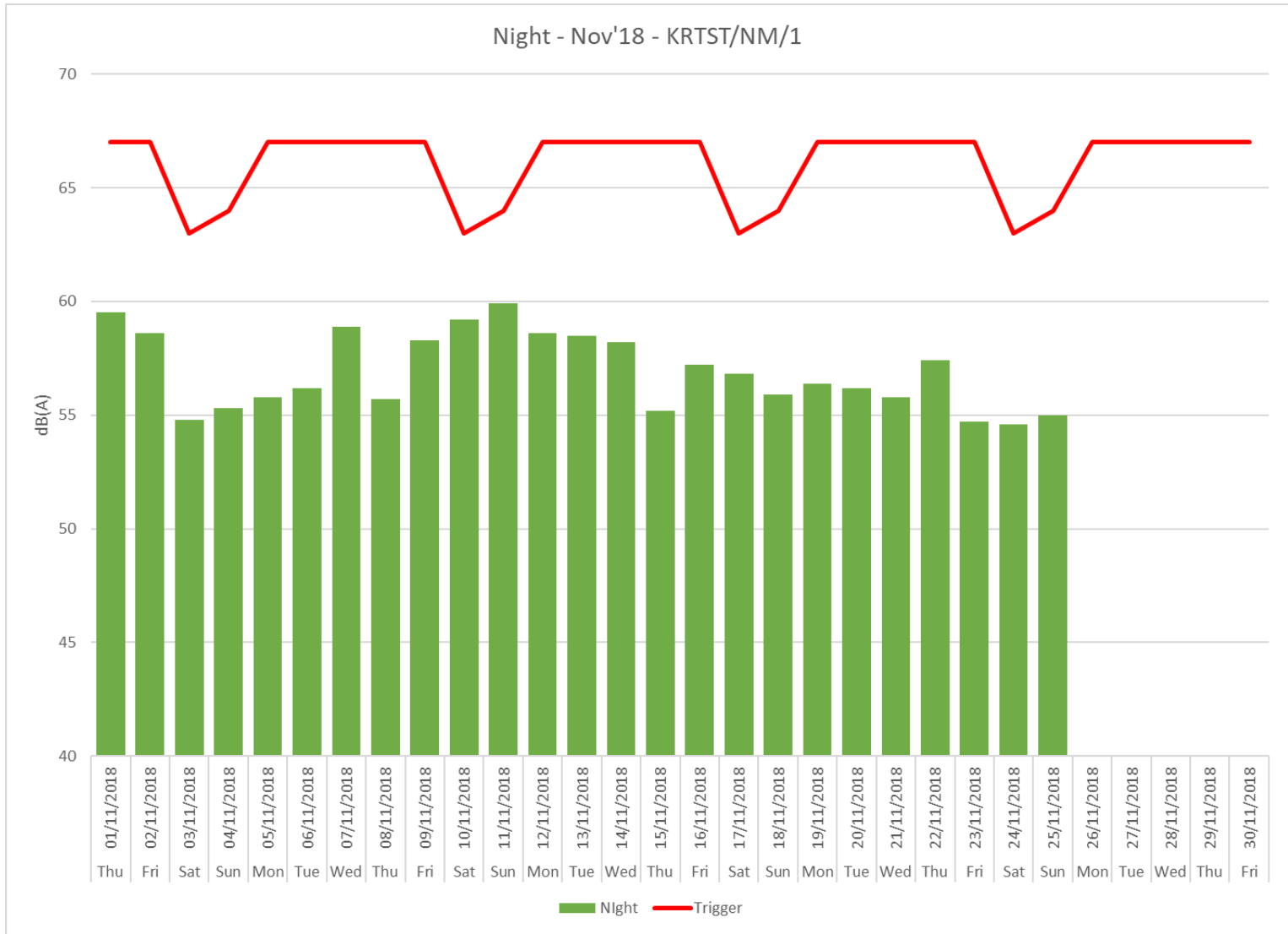


Daytime (Core) - Nov'18 - KRTST/NM/1

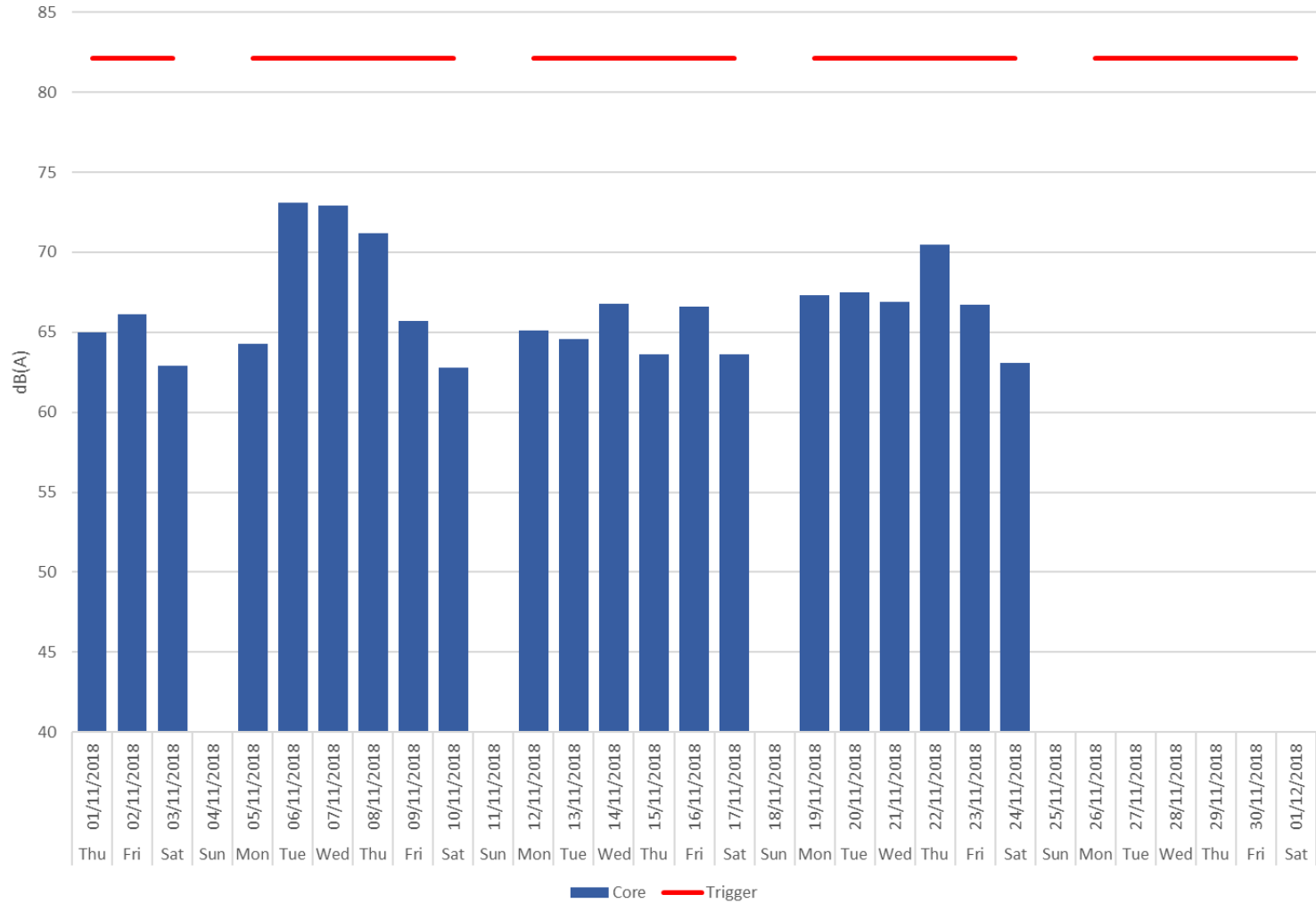


Evening (Extended) - Nov'18 - KRTST/NM/1

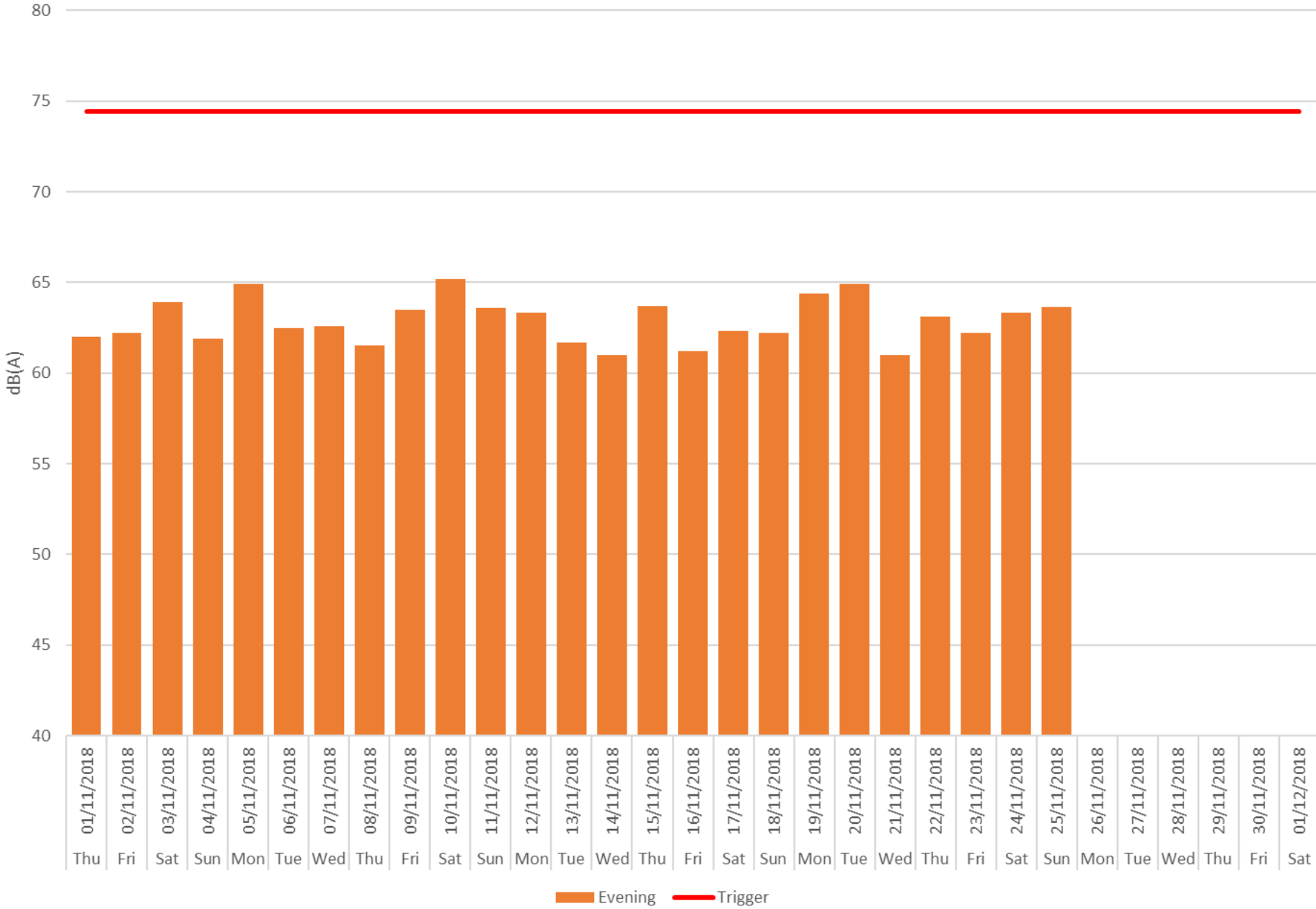




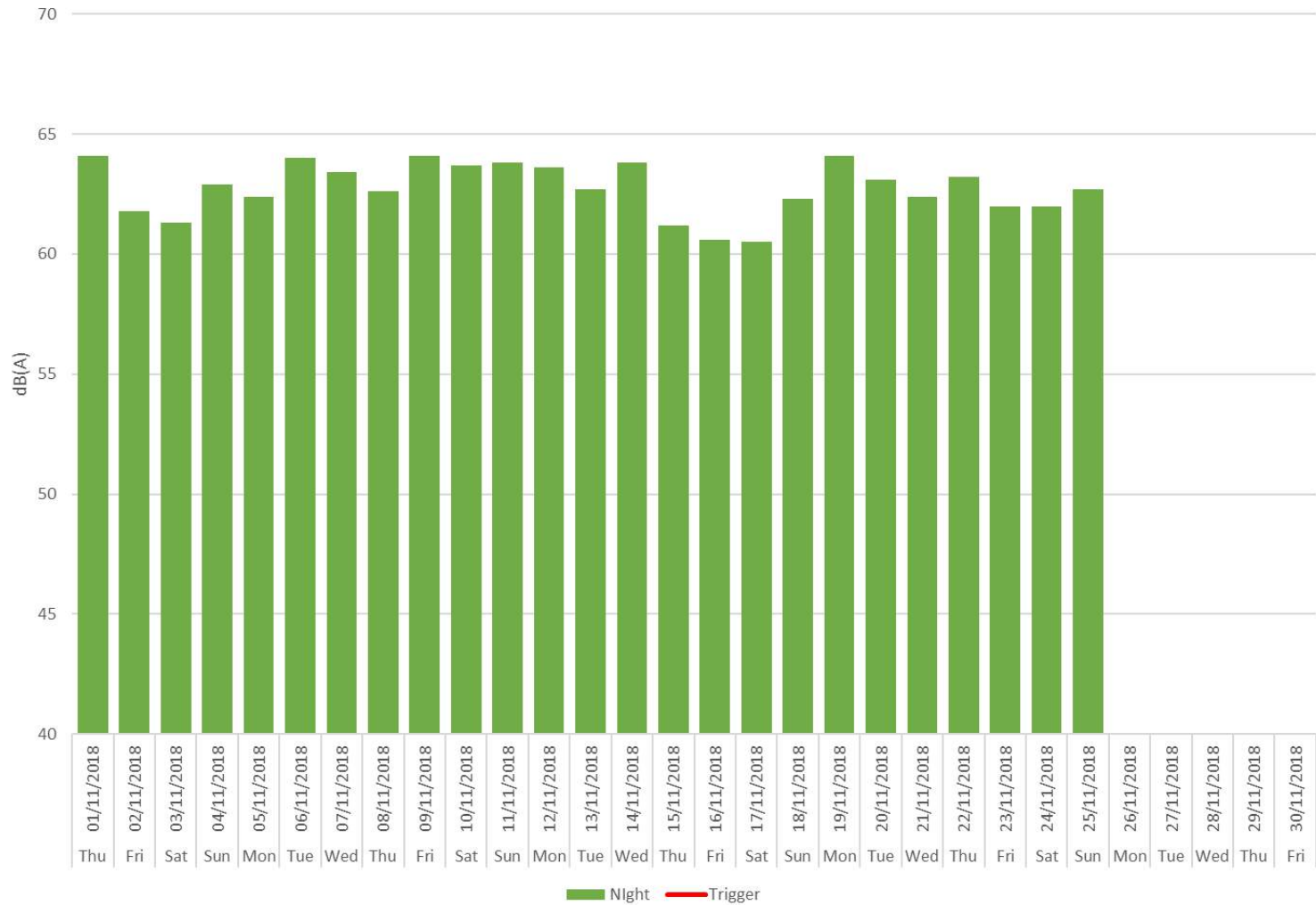
Daytime (Core) - Nov'18 - HEAPS/NM/2



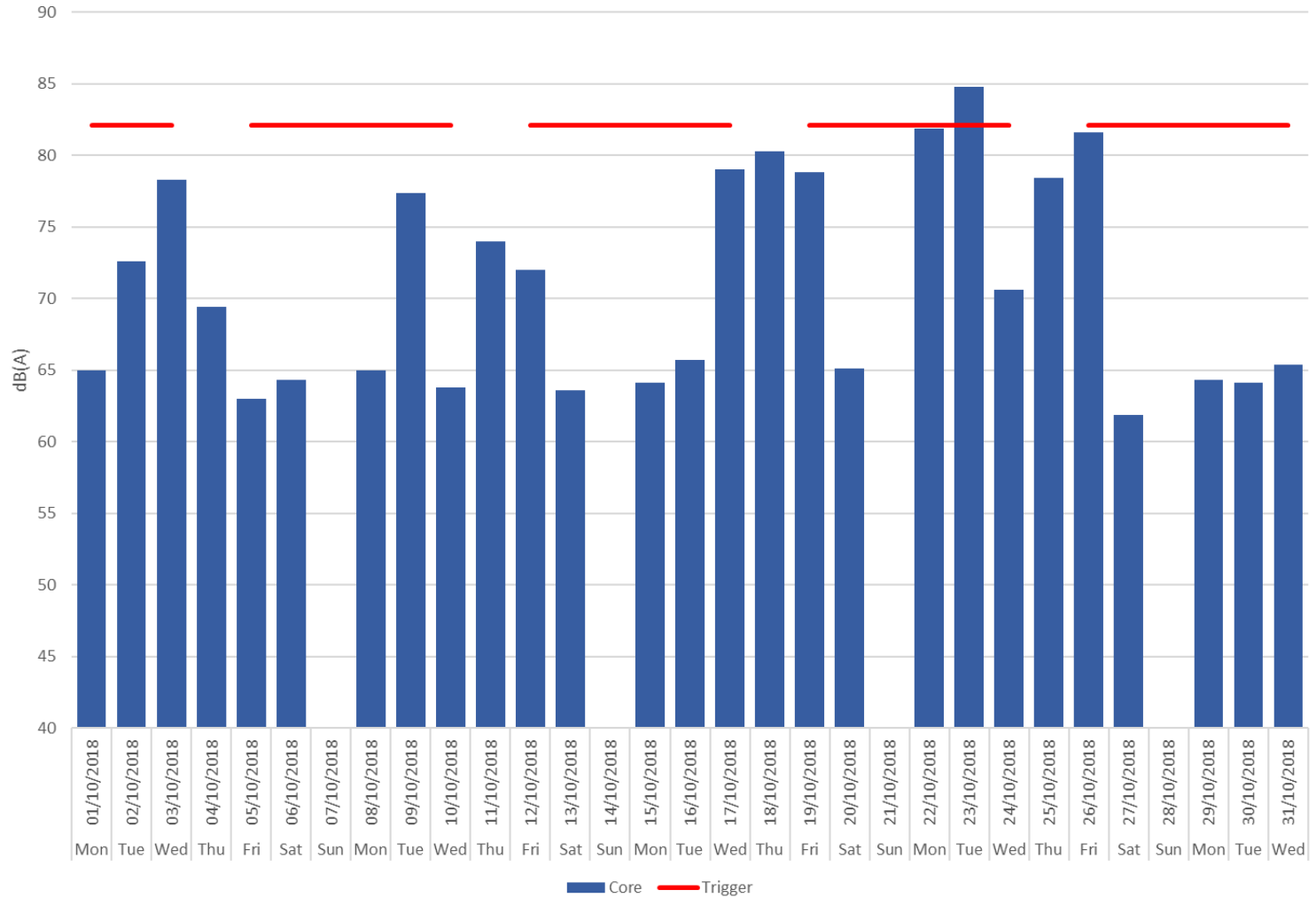
Evening (Extended) - Nov'18 - HEAPS/NM/2



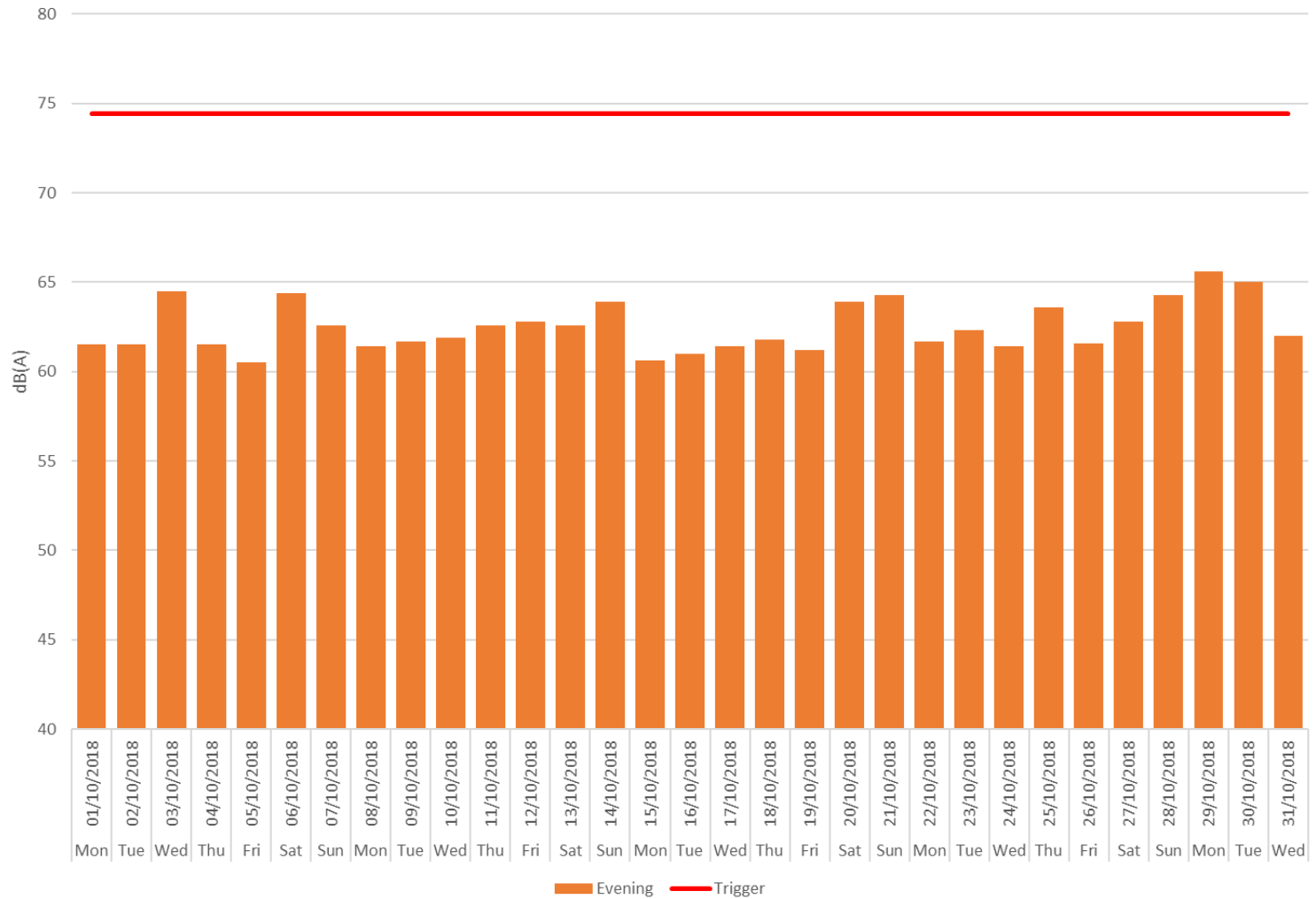
Night - Nov'18 - HEAPS/NM/2



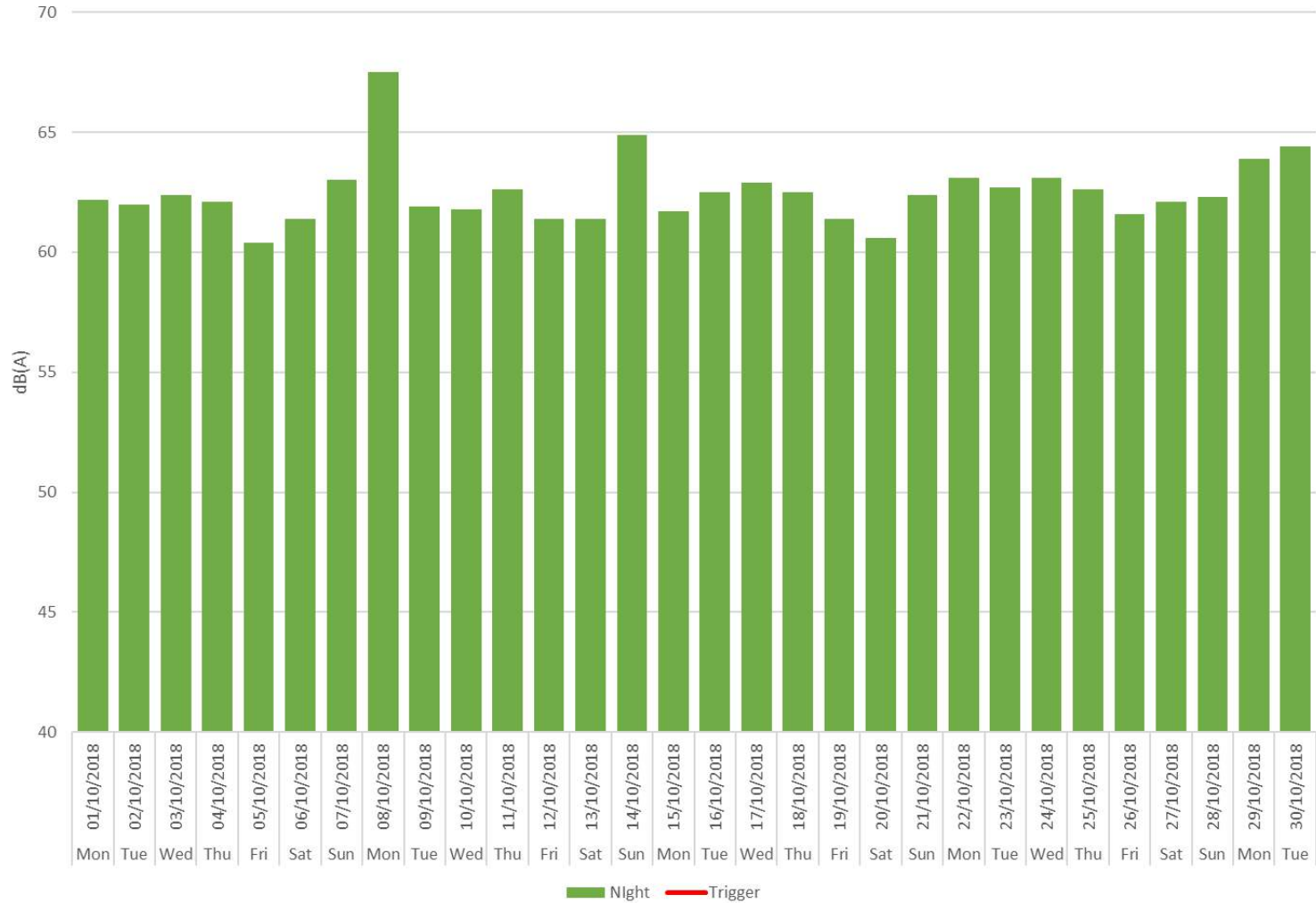
Daytime (Core) - Oct'18 - HEAPS/NM/2



Evening (Extended) - Oct'18 - HEAPS/NM/2



Night - Oct'18 - HEAPS/NM/2



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- 7. Data Capture**
- 8. Trigger Levels**
- 9. Programme**

Programme – Kirtling *Programmes are indicative only*

KIRTLING STREET & TUNNELS PROGRAMME NOV 2018

TUNNELLING AND KIRTLING STREET - PHASE 2 WORKS				FORECAST		2019												2020												2021												2022																
Activity Name	Duration	START	FINISH	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22						
TUNNELLING WORKS																																																										
MNTL B																																																										
TBM Excavation primary lining		26-Nov-18	09-Sep-19																																																							
Tunnel Strip out and secondary Lining		09-Sep-19	17-Nov-20																																																							
MNTL C																																																										
KRTST - BLABF																																																										
TBM Excavation primary lining		20-Feb-19	02-Apr-19																																																							
TBM Excavation primary lining		02-Apr-19	17-Nov-20																																																							
Tunnel Strip out and secondary Lining		17-Nov-20	25-Apr-21																																																							
KRTST Civil Works																																																										
Refurbishment of Cemex Jetty in preparation of Secondary Lining of Tunnel		10-Sep-19	10-Oct-19																																																							
Remove of Main Jetty from KRTST prior to handover of Area A2		29-Apr-21	26-Aug-21																																																							
Remove all marine works (CEMEX Jetty)		10-Feb-22	13-Jun-22																																																							
88 KRTST Reinstatement works before handover		08-Jun-21	21-Sep-21																																																							
Shaft Secondary Lining																																																										
Shaft Secondary Lining and Access cover	7	25-Apr-21	24-Jan-22																																																							

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- 10. Other Items Answered during Last Meeting**

Other Items Answered during Last Meeting

- No vibration risk to building
 - Extrapolate data from monitors we have place on utilities assets.
 - We are investigating placing a vibration meter in Riverlight for start of east bound tunnel, start discussion with Rendall and Rittner.
- Current information, TBM Progress & Programme and Presentation on Tideway Website - *Action 8*
- River Flow Impact Assessment, undertaken, will issue summary - *Action 5*

Other Items Answered during Last Meeting

- Presentation including programme to be distributed with minutes – *Action 1, Action 2 & Action 3*
- Brief by Tunnel Senior Manager on behaviour outside of work in the local area – *Action 11*
- Window cleaning Quote to be updated – *Action 12*
- Settlement, email out 22/11/18 – *Action 13*

QUESTIONS?