

KIRTLING STREET & HEATHWALL PUMPING STATION COMMUNITY LIAISON WORKING GROUP

19 July 2023



Tideway





WELCOME

KIRTLING STREET UPDATE

Ignacio Tognaccini
Tunnel Project Manager



The Atlantic



10. Engineer Jason Lyon poses as he views Loo Garden, a temporary subterranean garden designed to represent a future healthier River Thames, in a section of the Thames Tideway Tunnel—commonly known as the "Super Sewer"—a 25-kilometer tunnel being built across London under and along the River Thames to deal with combined sewer overflows currently polluting the river, on June 29, 2023. #

#LooGardens - Media Coverage



ITV This Morning were offered the exclusive live broadcast on Friday AM on the morning we launched the garden. They sent down a reporter and had Sir Peter on the sofa, Alison and Dermot discussing the impact that this will have on the River Thames.



BBC London sent a team down on the day before launch for a pre-record to capture footage of the garden and interviewed both Roger and Andy. The content they captured went across TV, online and social.



THE SHIELDS Gazette

THE BIG PICTURE



An artificial 'Loo Gardens' has been created inside London's new 'LooGardens' tunnel to mark its near completion and to represent the sewer's main objective - keeping the Thames clean. Tubeway artist Anish Kapoor said it is 'inconceivable' that Thames Water's sewer will derelict the new 'super sewer'. The £1.5bn project is operated from a facility by Thames and its customers.

Evening Standard

London's Super Sewer gets underground flower garden

Garden unveiled as project boss says it is 'inconceivable' that Thames Water's financial woes will derail London's new £1.5bn sewage system



NewScientist

News Features Newsletters Podcasts Video Comment Culture Crosswords | This week's magazine

See the garden blooming in a 'super sewer' deep below London

The playfully named Loo Gardens in the Thames Tideway Tunnel is an art installation intended to replicate the flora and fauna of the river

By Chris

12 Jul 2023

Facebook Twitter LinkedIn

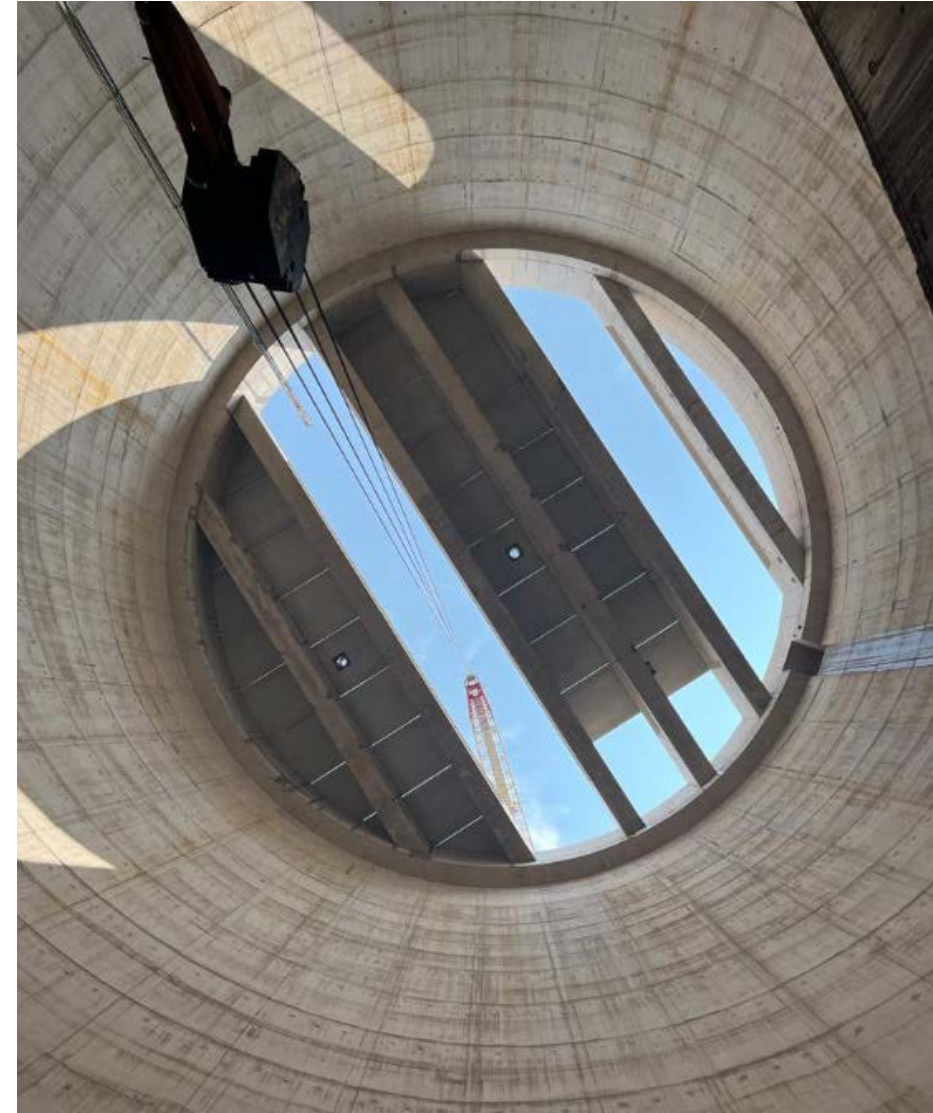
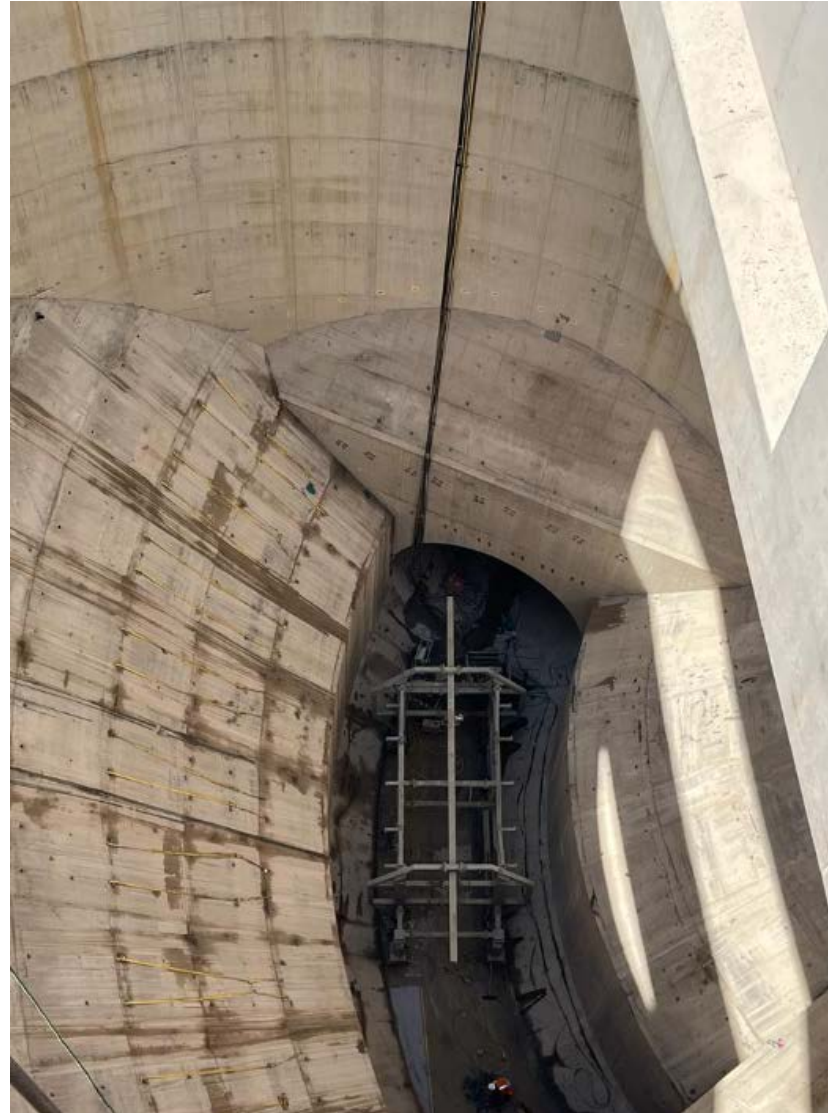
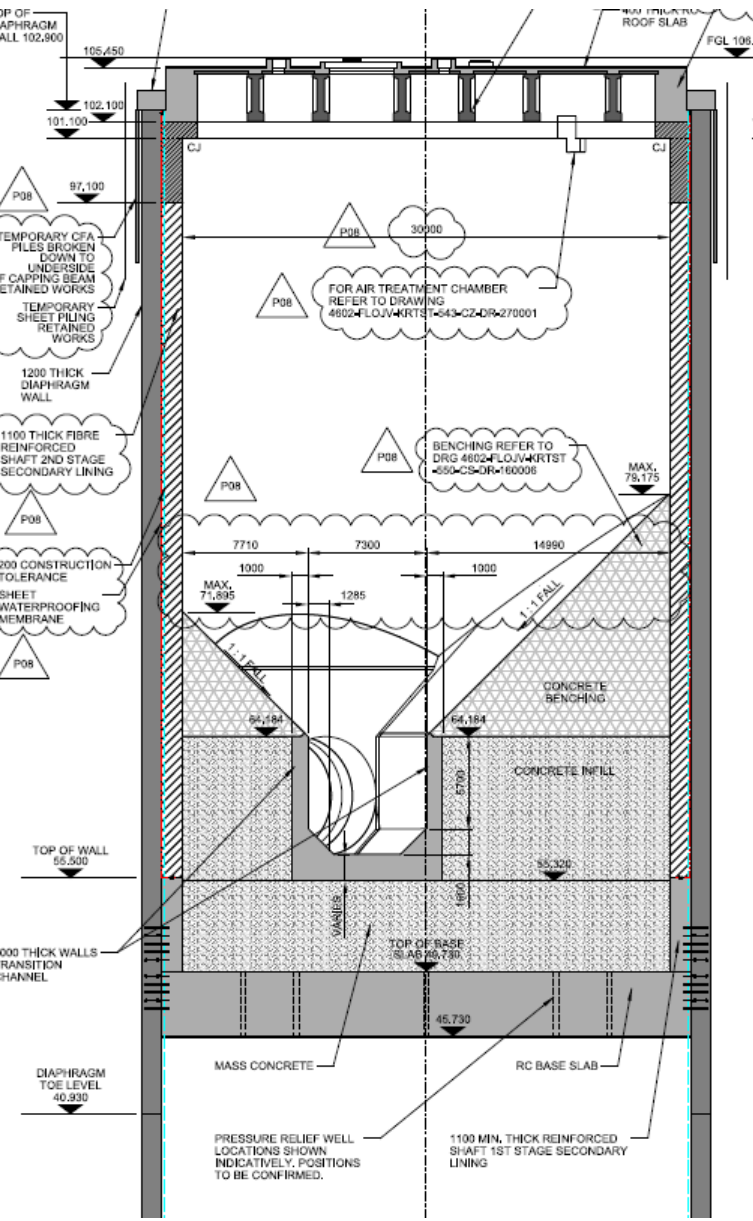


Broadcast

Print

Online

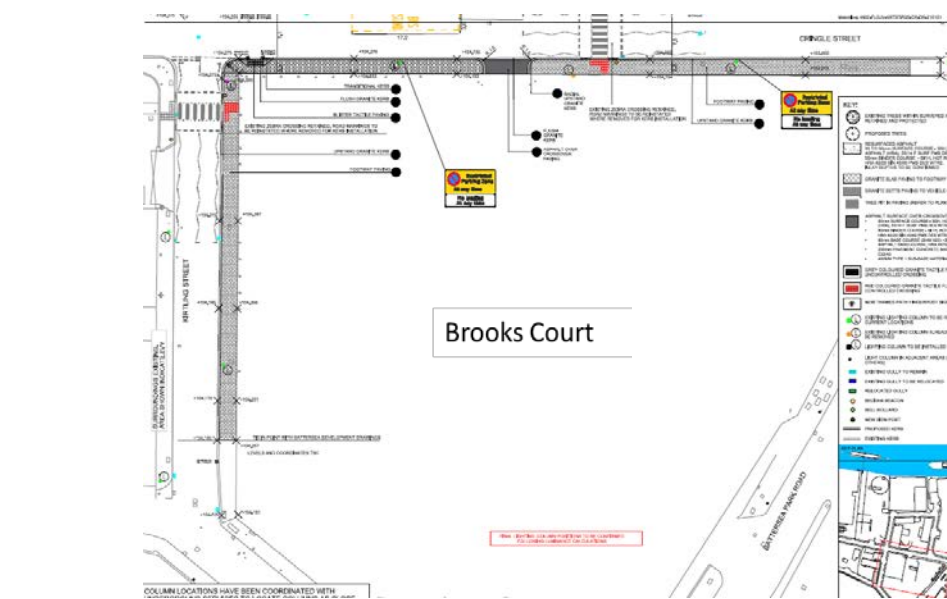
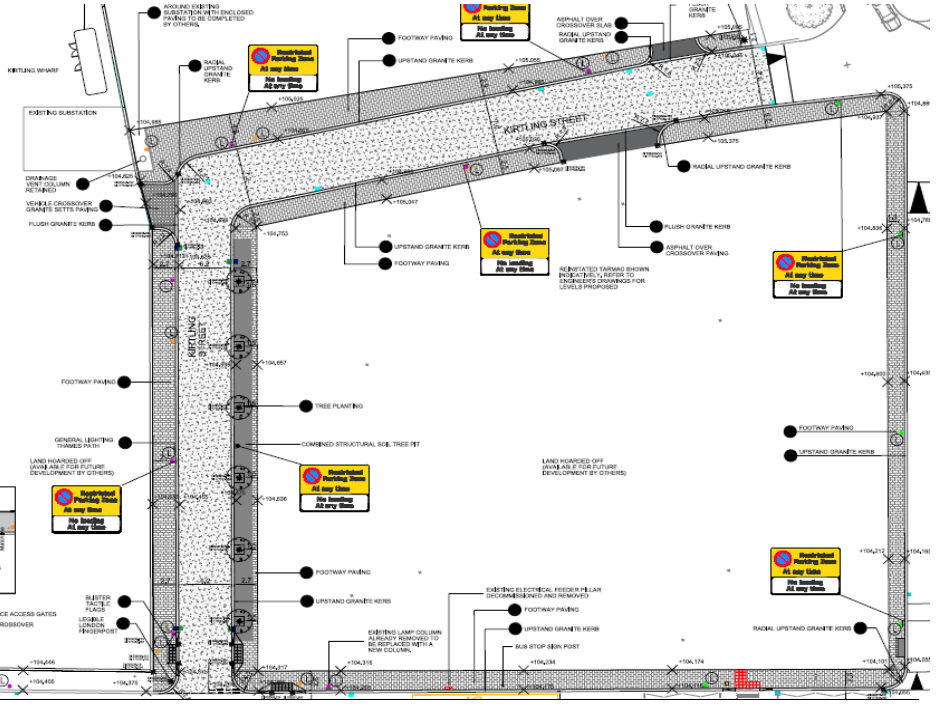
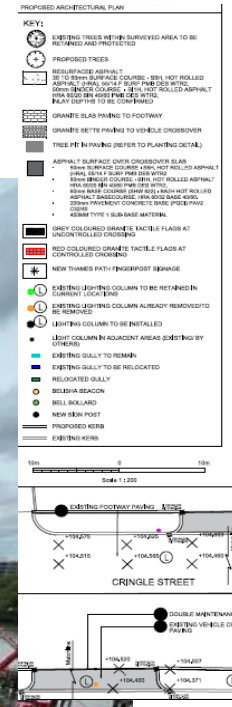
Shaft concrete structures



ATU and Kiosk Works

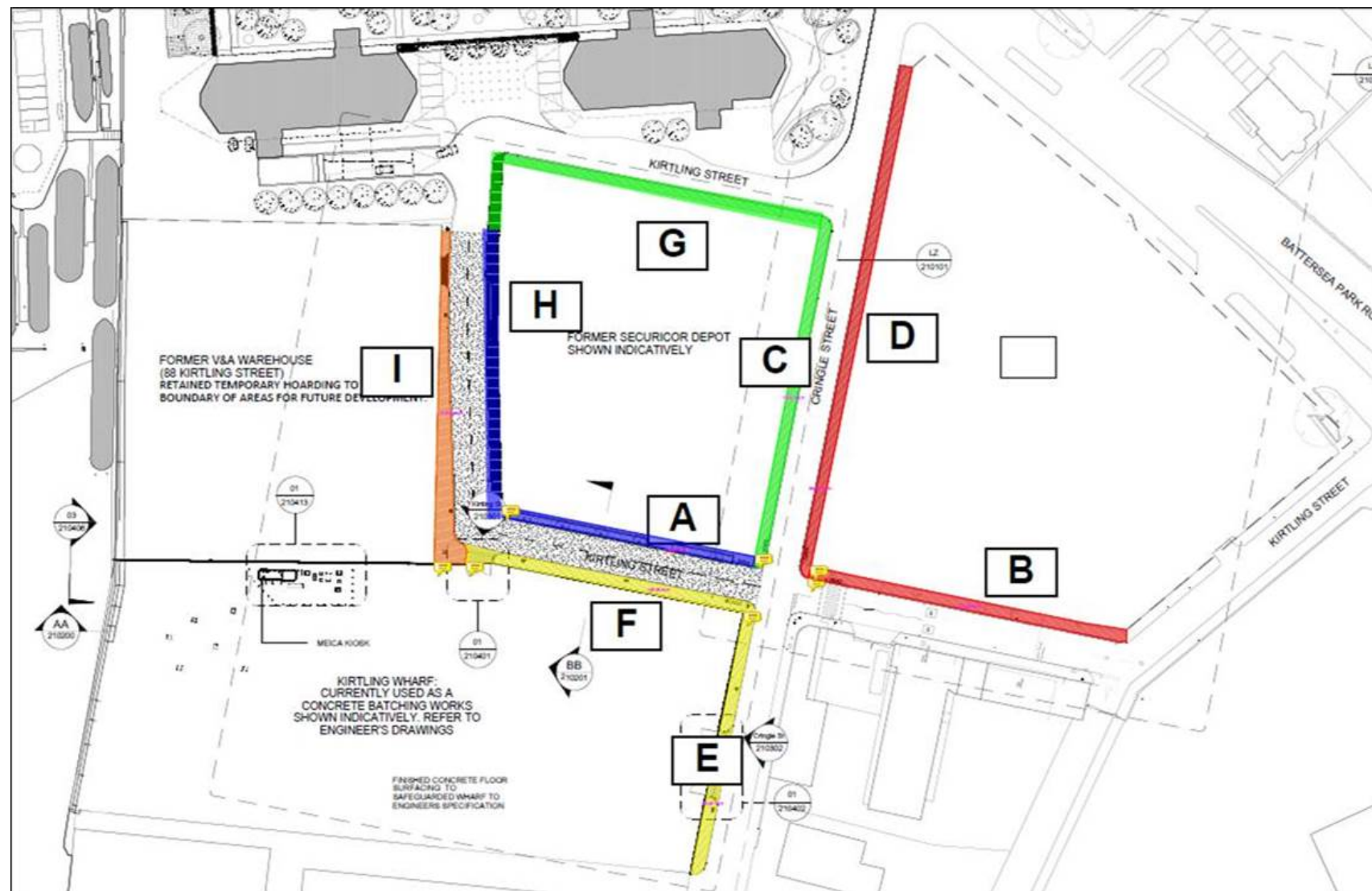


Road reinstatement works



Pavement reinstatement works

- Started 17 July on paving around Brooks Court (B & D on map)
- One-way road traffic management system
- Expected to be completed by end of the year



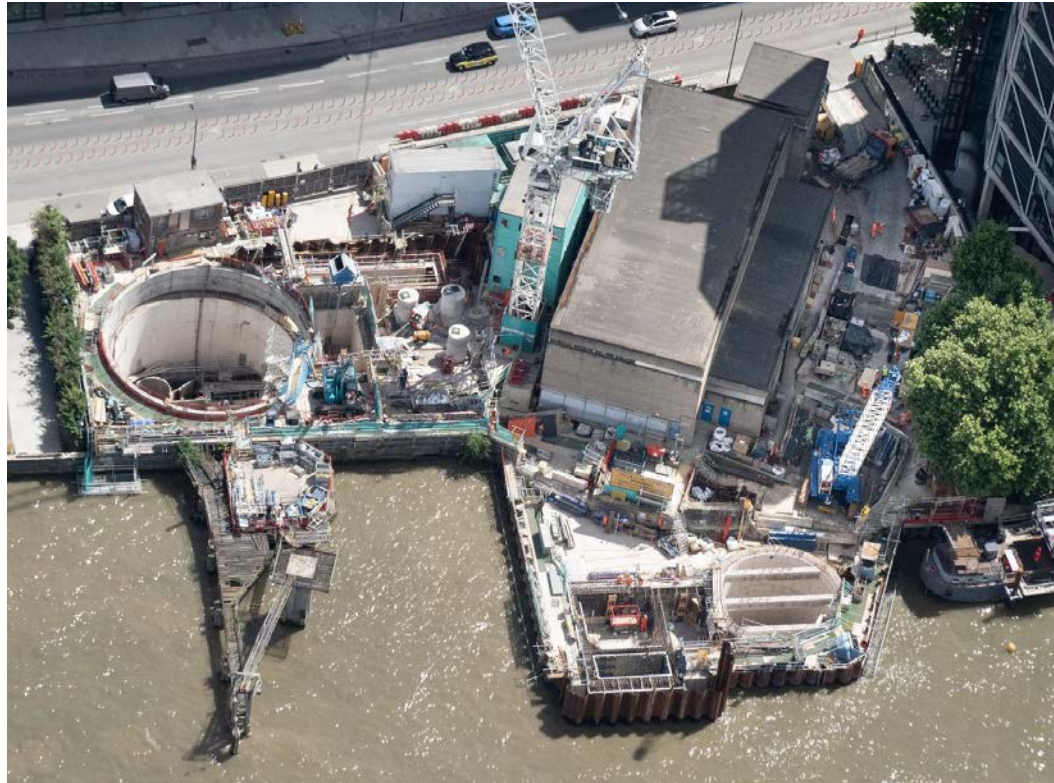
Kirtling Street Target Programme

Programme Overview	2023												2024												2025					
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
Shaft structures	■	■	■	■	■	■																								
Roof slab						■	■	■	■																					
ATU and kiosk						■	■	■																						
MEICA installations								■	■																					
Mooring piles installation								■	■																					
Pontoons and brows mob									■	■																				
Houseboats reinstatement										■	■																			
KRTST Highway					■	■	■	■	■	■	■																			
KRTST and BC footpaths					■	■	■	■	■	■	■	■	■	■																
Hoardings																■	■	■												
Offices demob																														■

HEATHWALL PUMPING STATION UPDATE

Francisco Pimentel
Heathwall Project Manager

Heathwall Pumping Station Overview



Last CLWG



Now

Heathwall Shaft & Tunnels Progress

- Tower crane and offices removal
- Shafts and chambers roofs poured and access covers installed
- SWSR IC RC Walls extended and breakthrough works ongoing
- Mobilisation for Scour Protection works started
- Minor Civils including paving slabs, drainage, electrical and water supply, parapets, gate foundations etc ongoing
- A&L Subcontractor accessed site and granite paving ongoing
- MEICA Team installing and commissioning ongoing
- Cladding installation completed



Granite paving within cofferdam area ongoing



CSO Shaft closed and sub-grade ongoing ahead of asphalt

Heathwall Target Programme

Heathwall Target Programme 2023 - 2024

Programme overview	2023							2024											
	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Marine Scour protection Install	█	█	█	█	█	█	█	█											
Minor Civils works	█	█	█	█															
Decommissioning of Outfall Diversion						█	█	█											
Landscaping and site Reinstatement	█	█	█	█	█	█	█	█											
MEICA installation	█	█	█	█															
TFL reinstate footpath on nine elms lane													█	█	█				
System activation and comissioning								█	█	█	█	█	█						
System Storm testing														█	█	█	█	█	█

Heathwall artist's impressions





ENVIRONMENTAL UPDATE

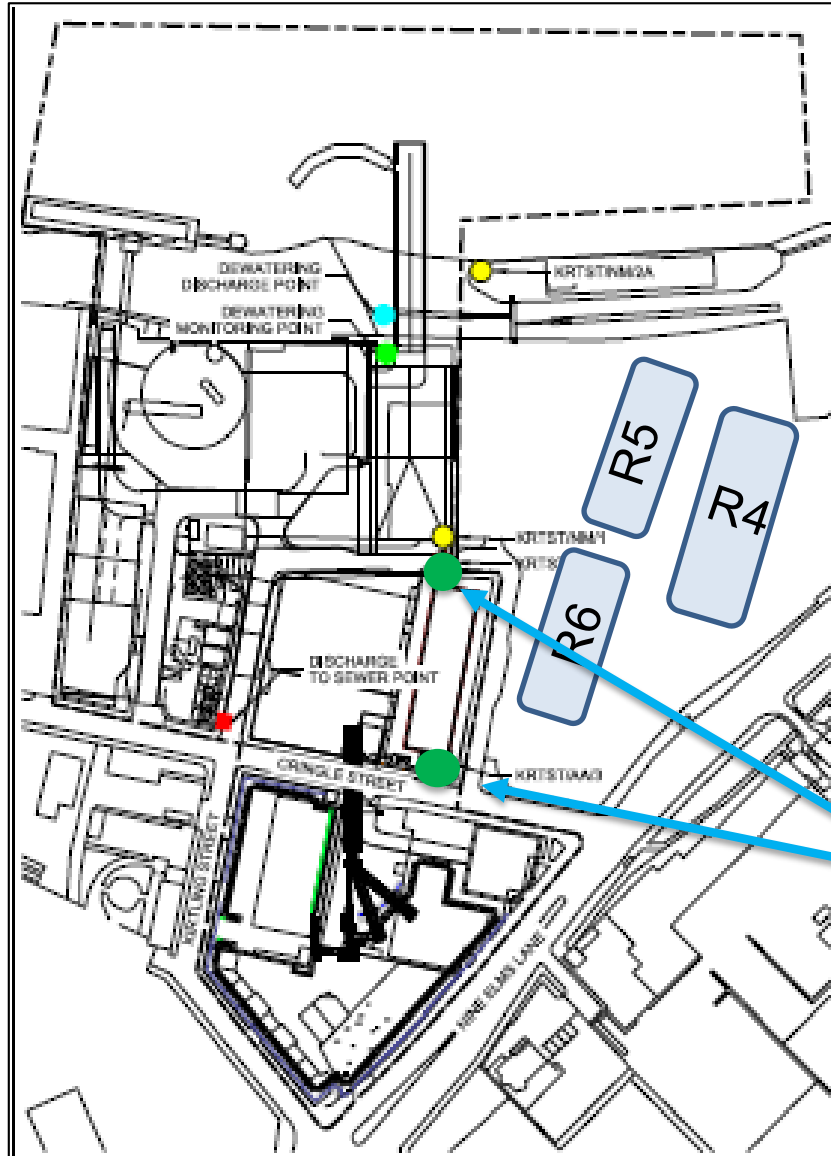
Anna Lamb
Site Environmental Advisor

Environmental update

- EU emissions stage V and IV plant
- Adopting a Circular Economy approach – selling and reusing equipment, materials and products.
- Biofuel (Hydro-treated Vegetable Oil) used at Heathwall Pumping Station site, reducing around 85% of CO₂e emissions
- Reduction in plant presence
- Diverting waste from landfill
- Metal recycled on site, reducing product delivery and waste disposal vehicles



Kirtling Street – Air Quality



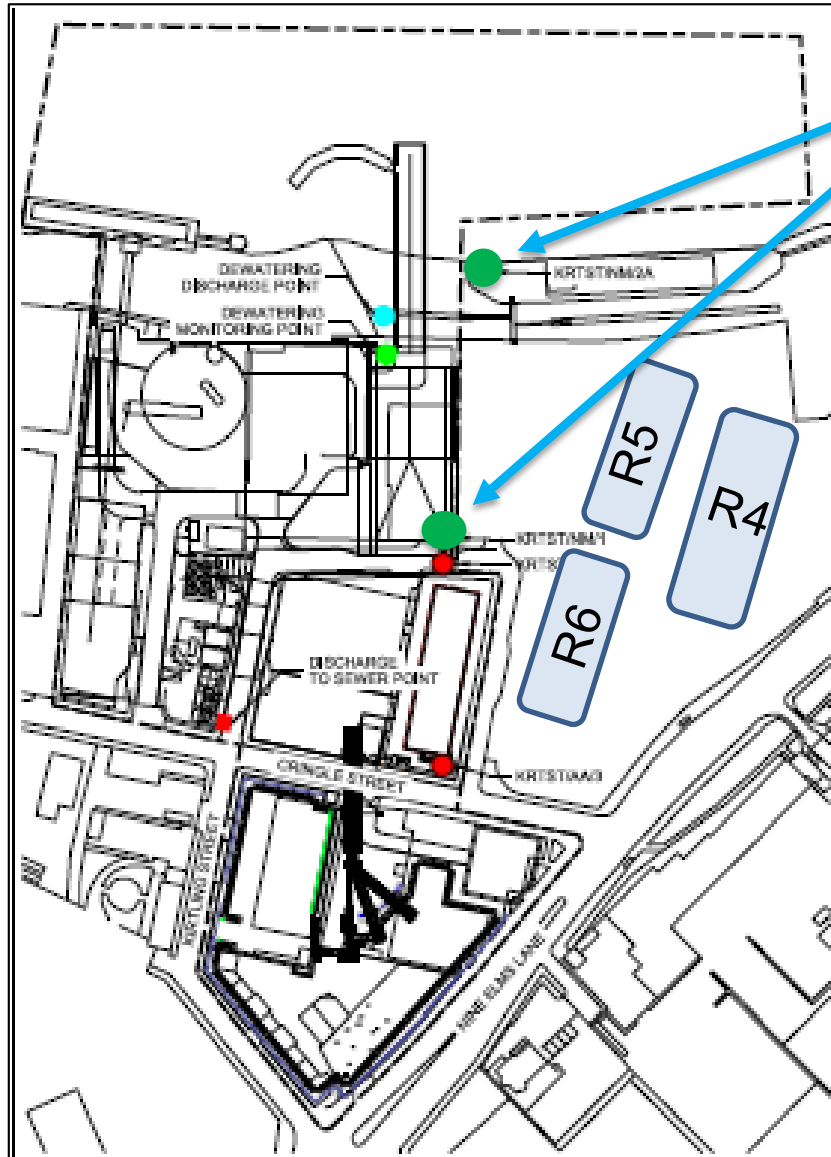
April – June 2023:

26 & 27 May 2023.

7, 14, 24, 28 June 2023.

Air Quality Monitors

Kirtling Street – Noise Monitoring

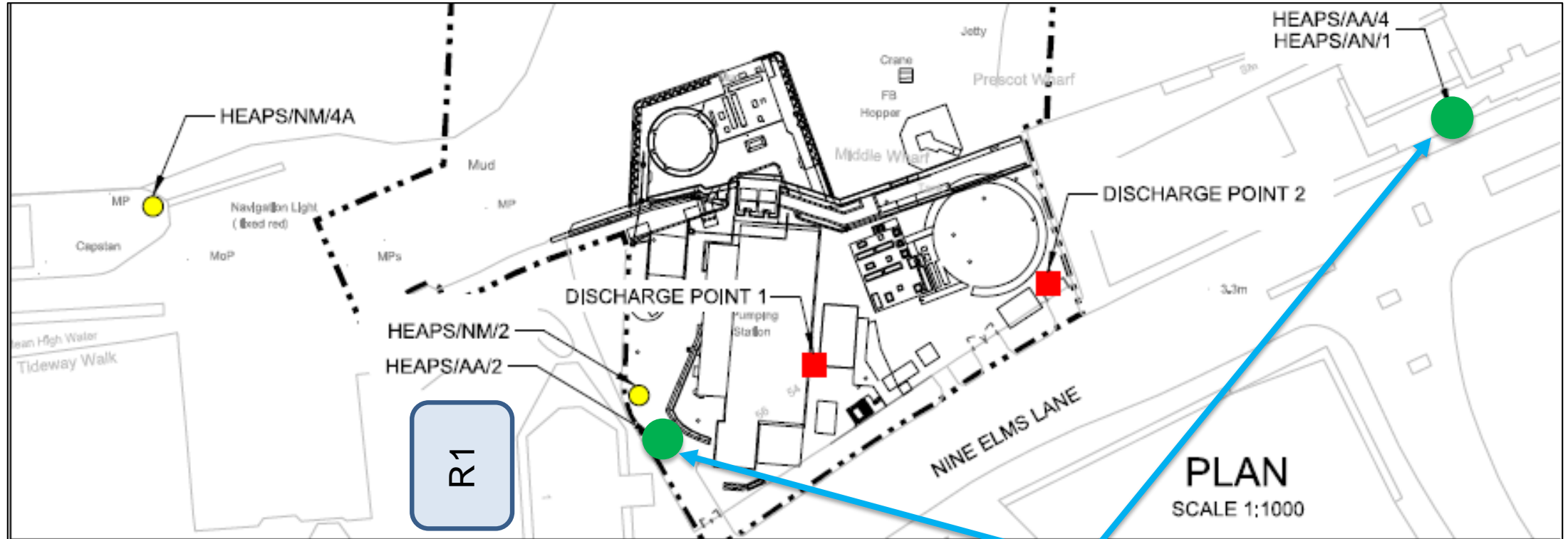


Noise Monitors

April - June 2023:

13 April 2023 RED alert
15 April 2023 RED alert

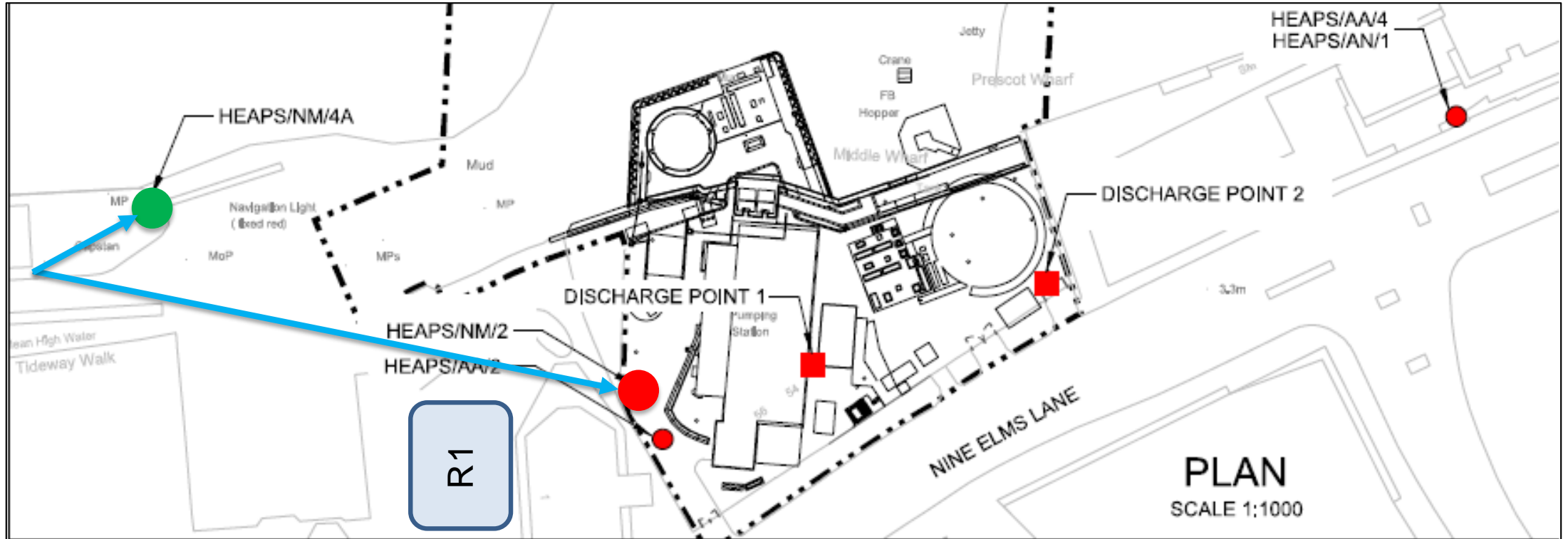
Heathwall – Air Quality



Air Quality Monitors

April – June 2023:
No air quality exceedances.

Heathwall – Noise Levels



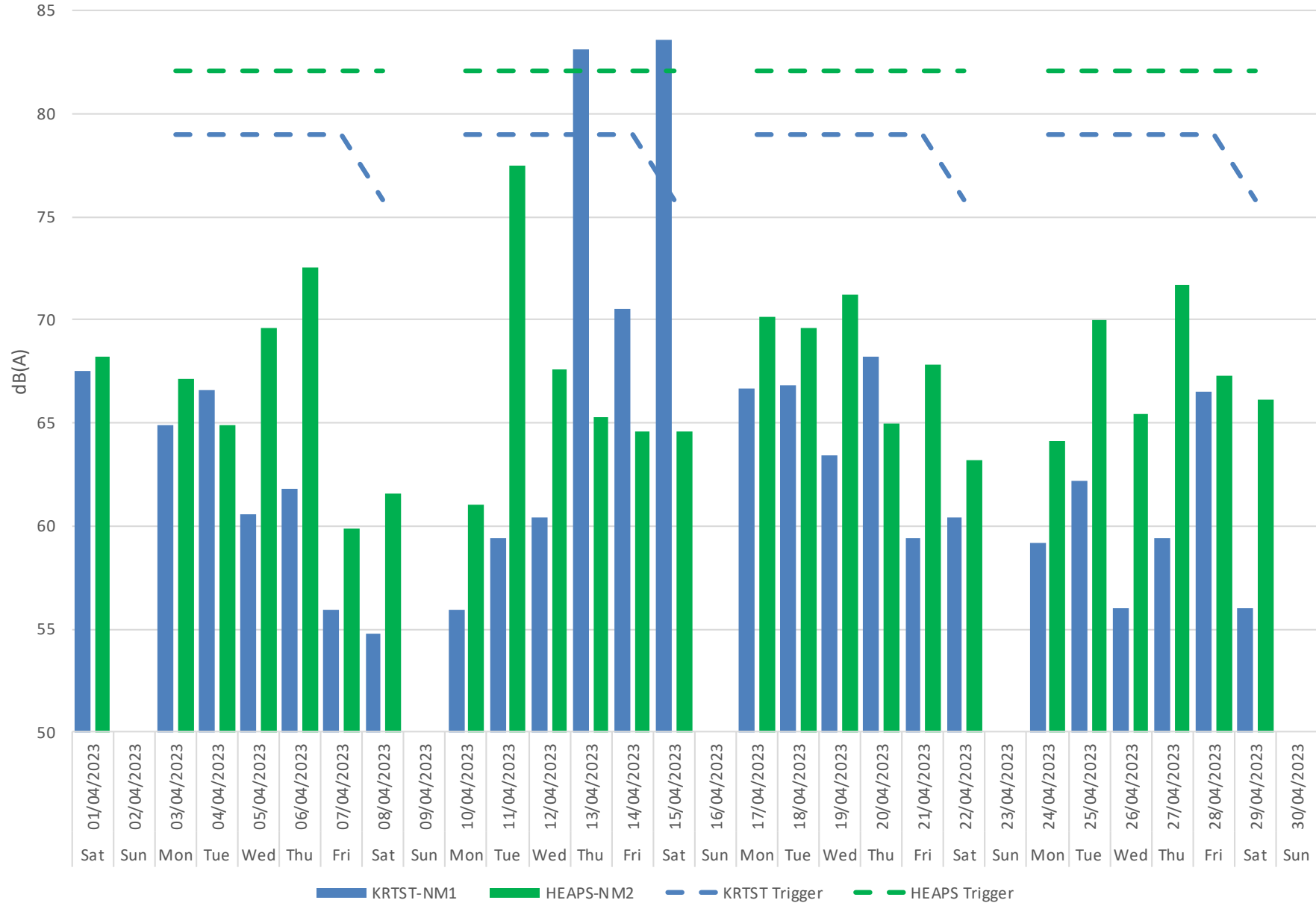
April – June 2023:

No noise exceedances

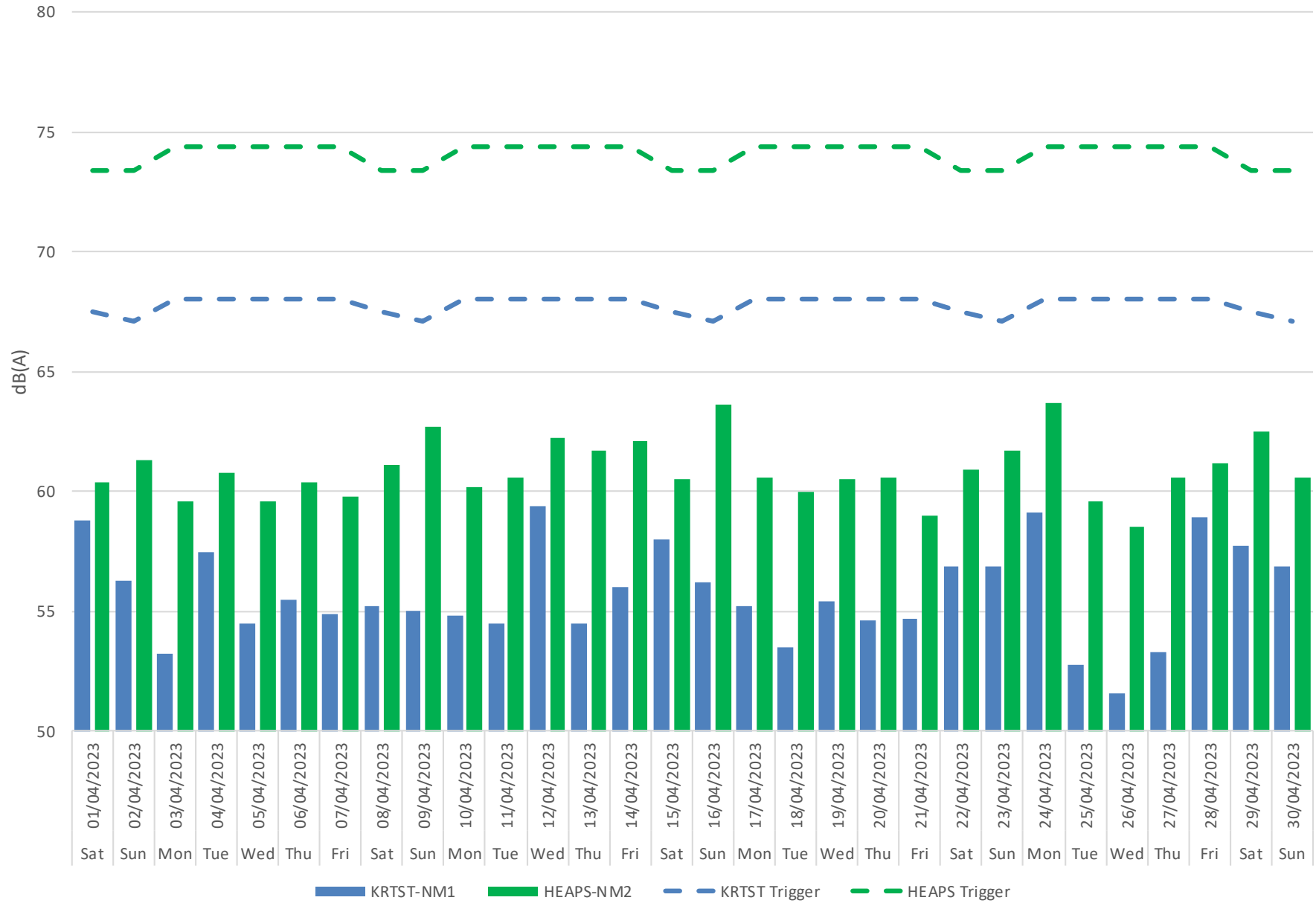
NOISE DATA
April – June 2023

Anna Lamb
Site Environmental Advisor

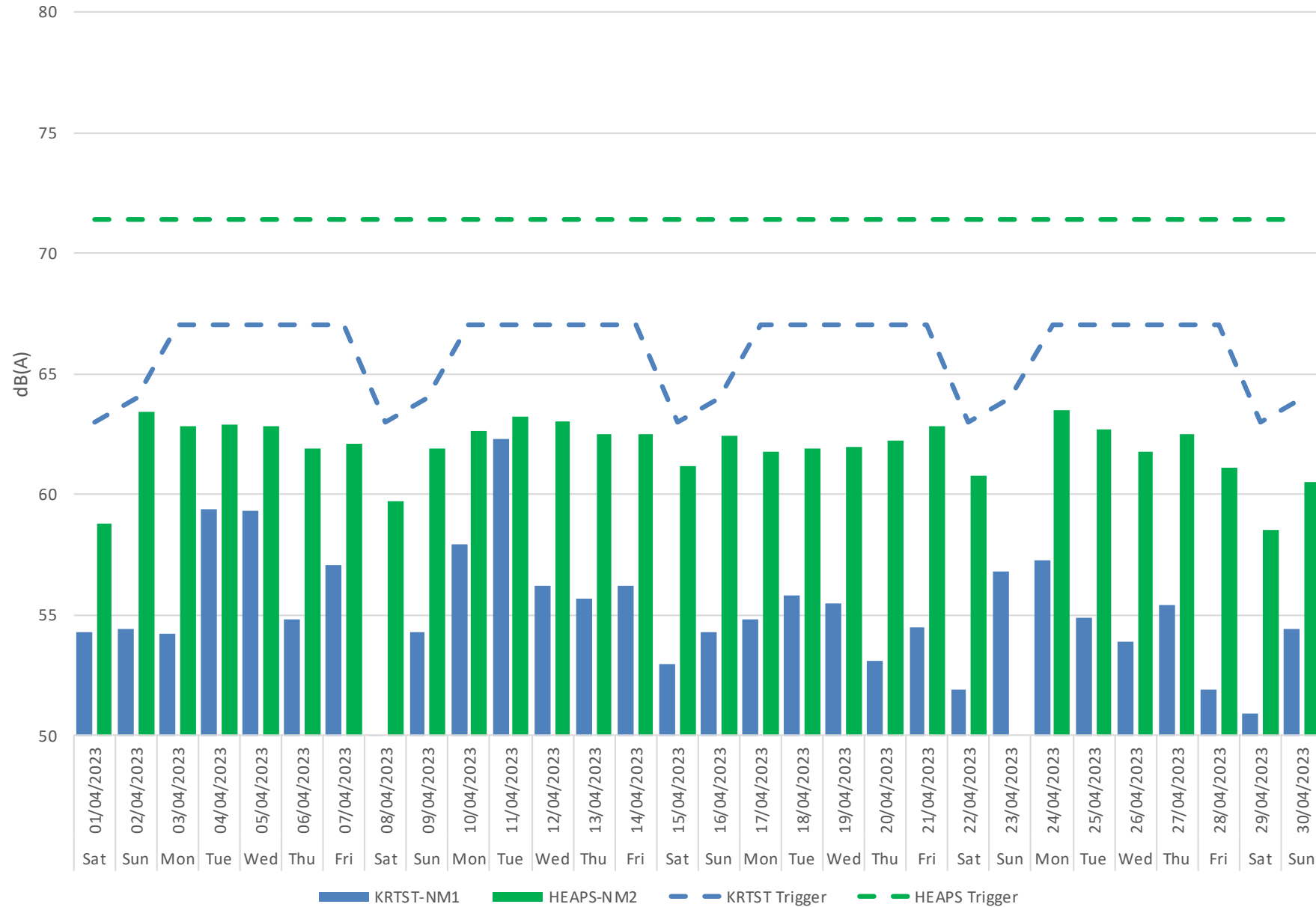
Daytime (Core) - April 2023



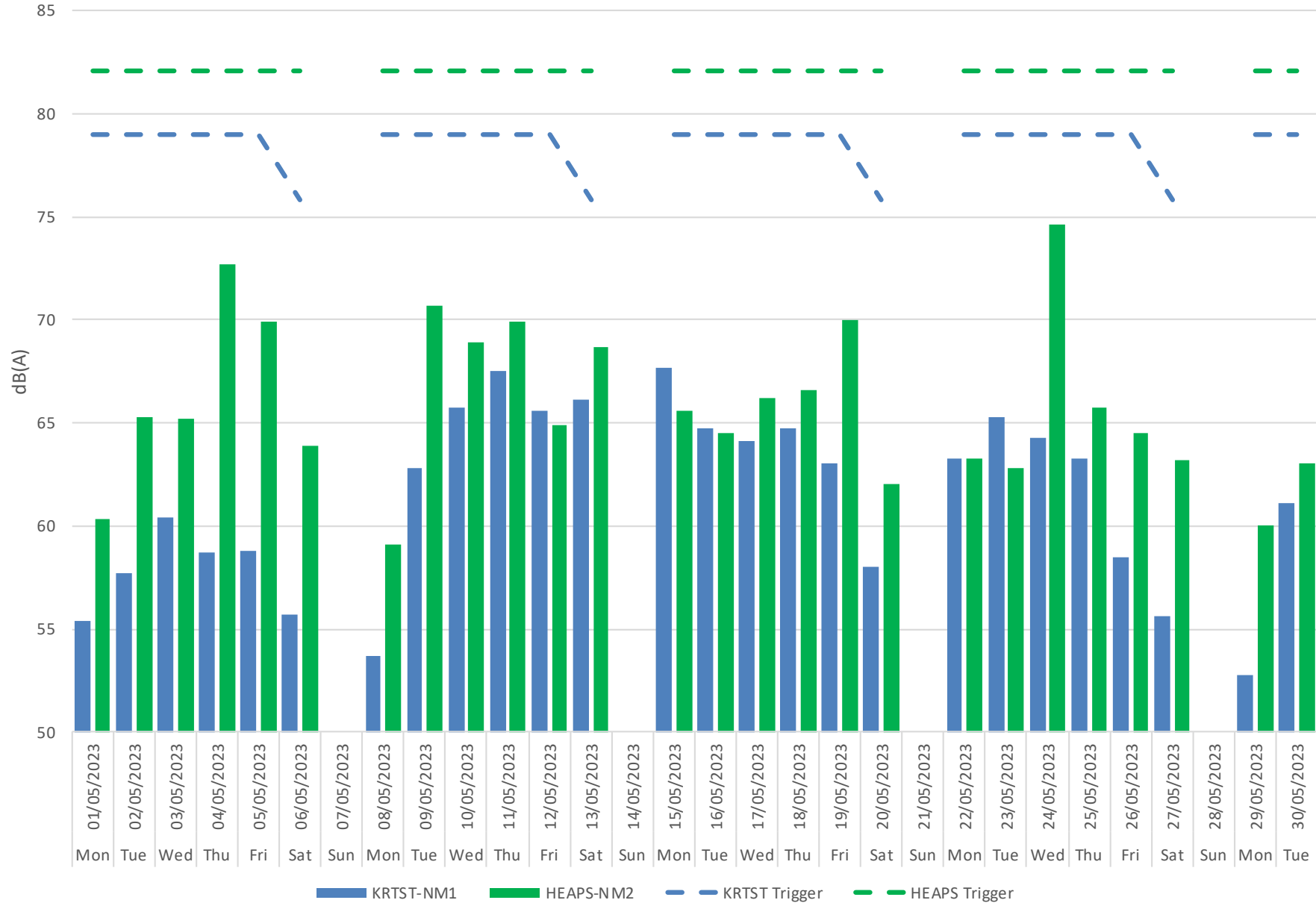
Evening (Extended) - April 2023



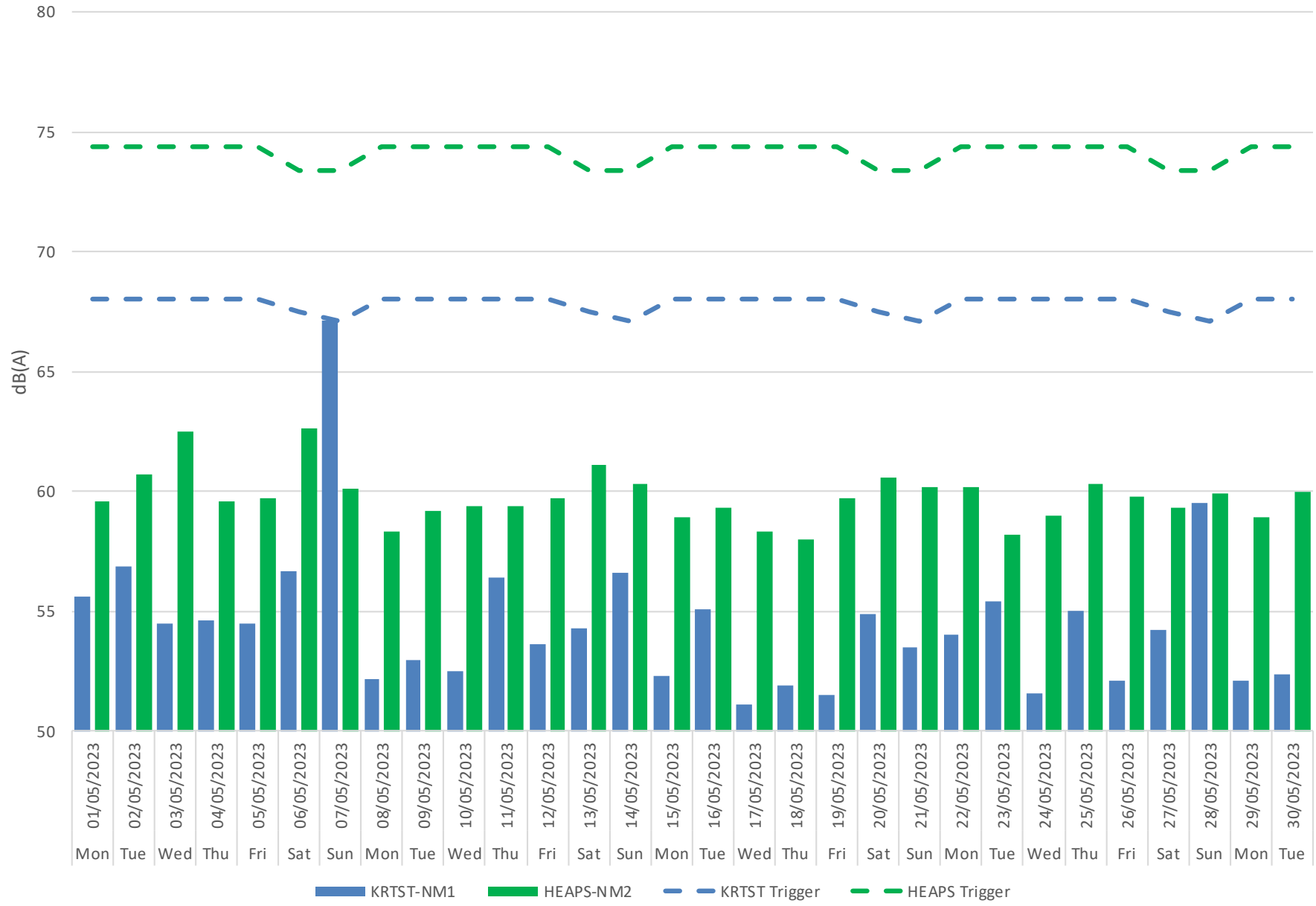
Night - April 2023



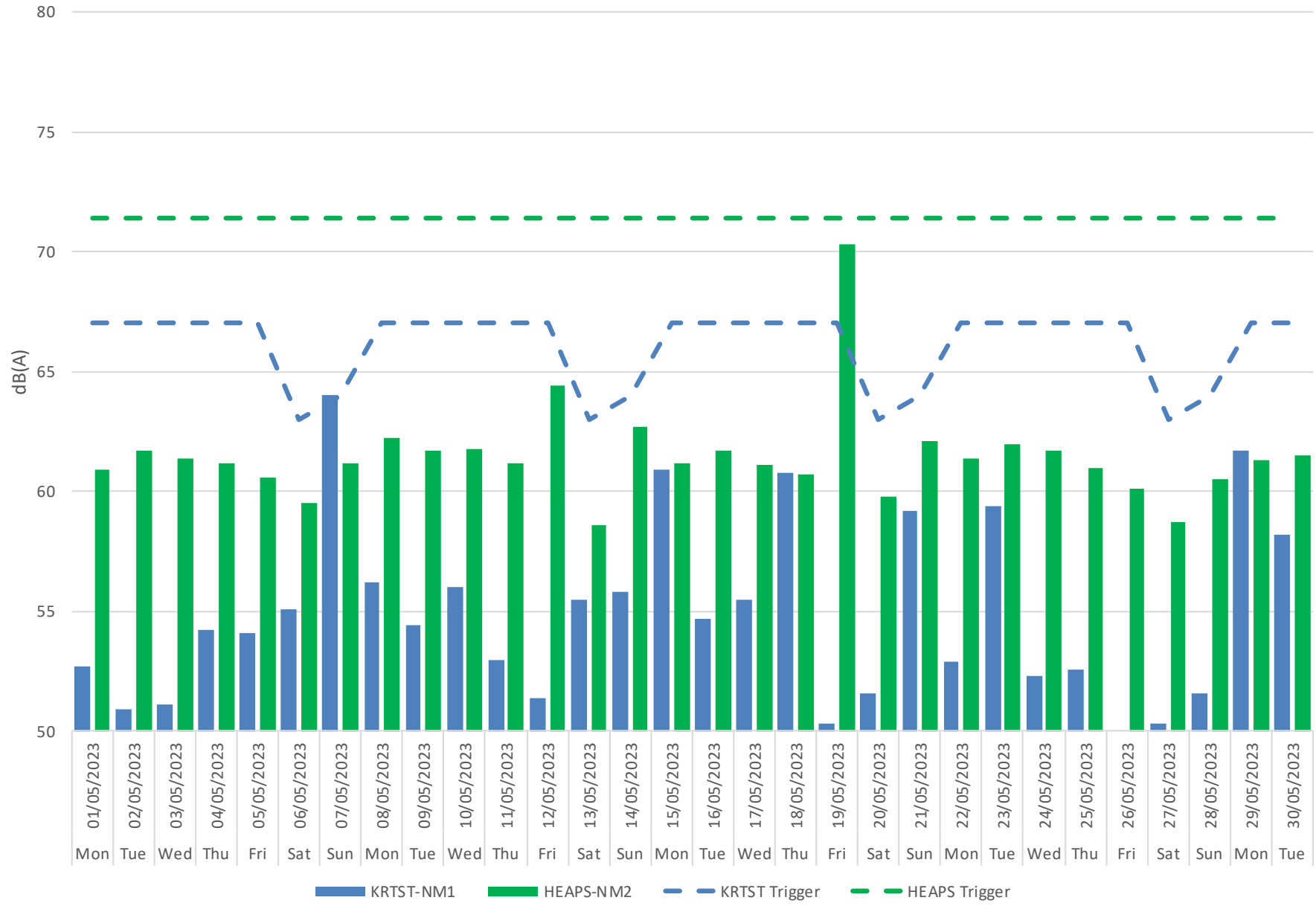
Daytime (Core) - May 2023



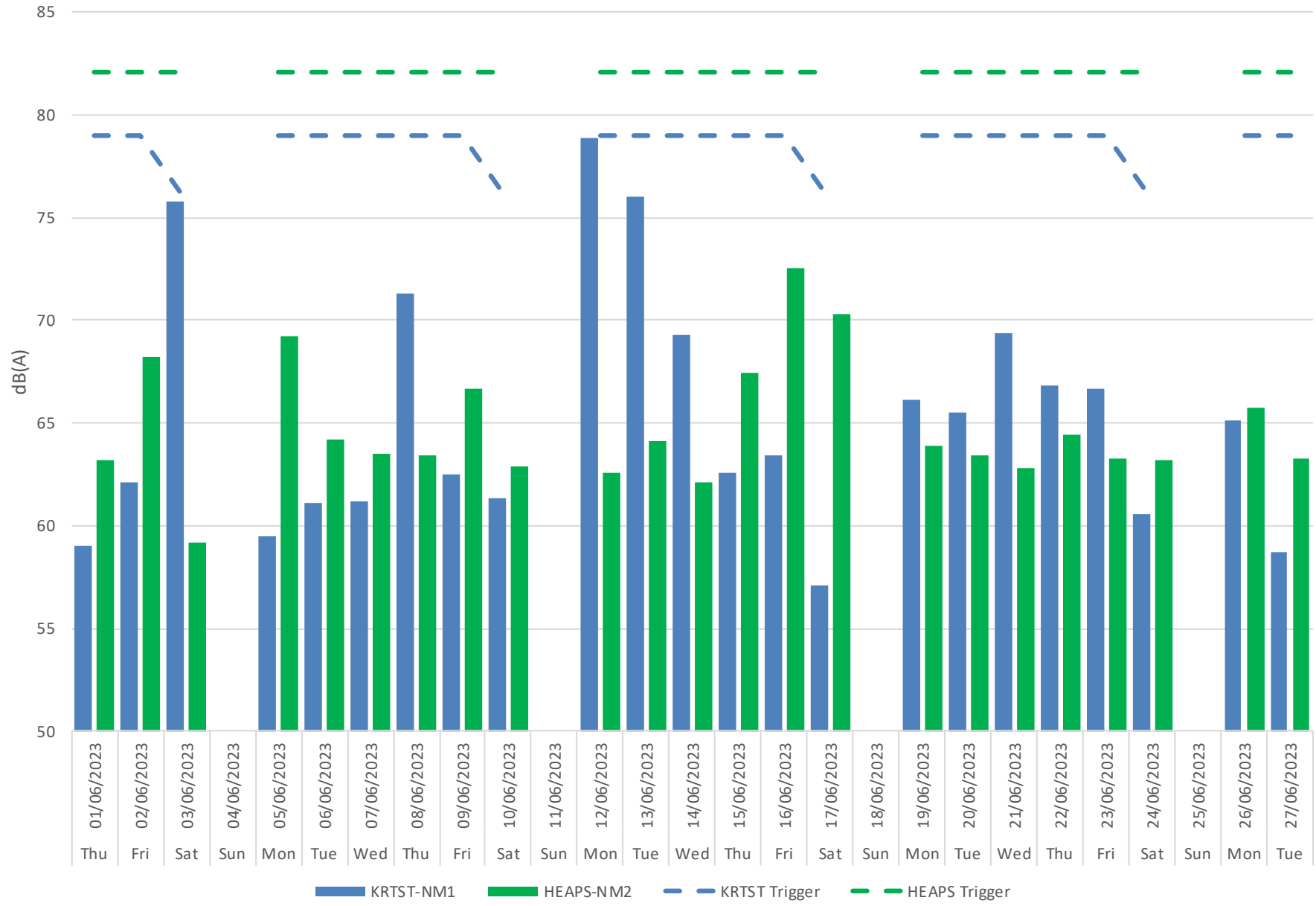
Evening (Extended) - May 2023



Night - May 2023

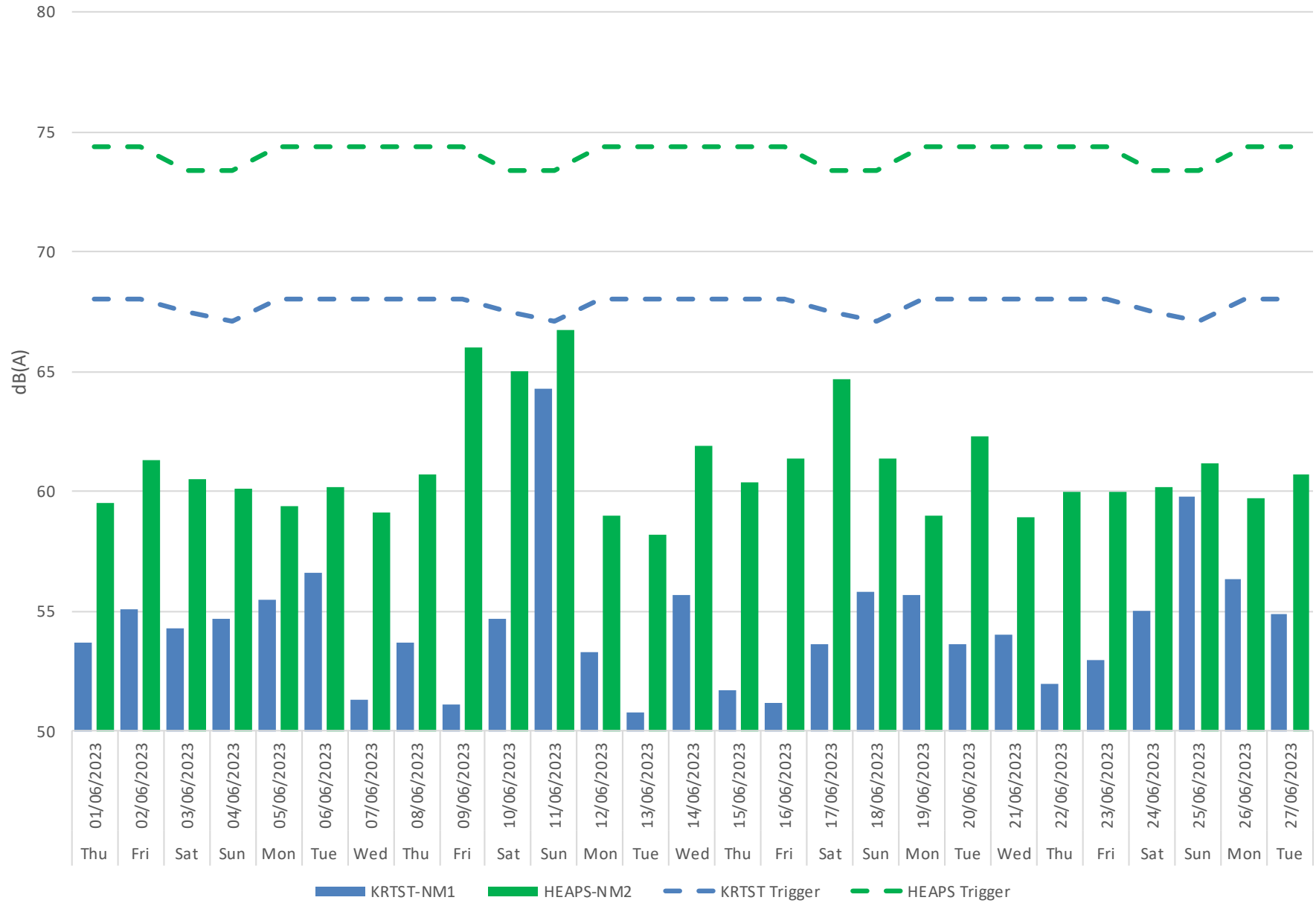


Daytime (Core) - June 2023



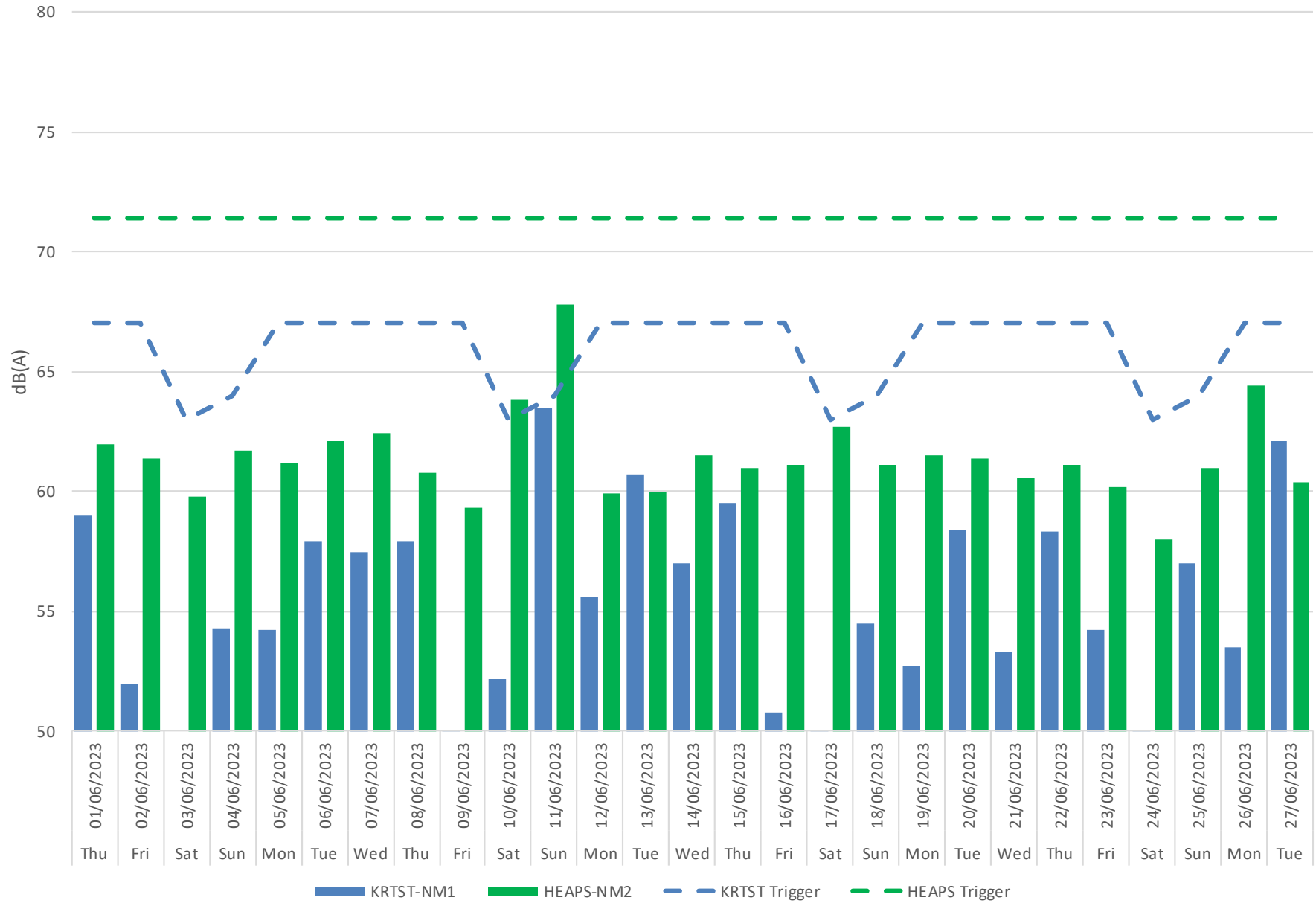
■ KRTST-NM1
 ■ HEAPS-NM2
 - - - KRTST Trigger
 - - - HEAPS Trigger

Evening (Extended) - June 2023



■ KRTST-NM1
 ■ HEAPS-NM2
 - - - KRTST Trigger
 - - - HEAPS Trigger

Night - June 2023

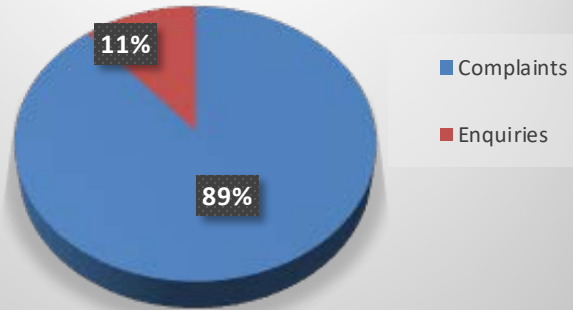


COMMUNITY ENGAGEMENT UPDATE

Alick Whitfield
Community Relations Manager

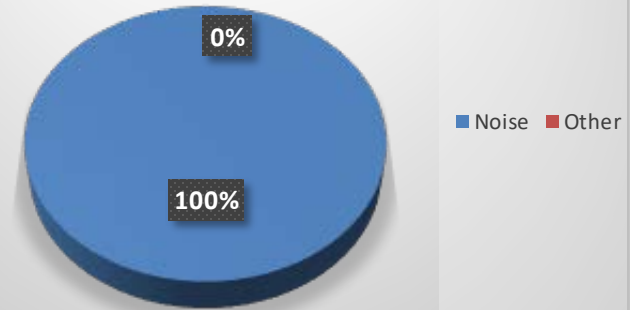
Complaints and Enquiries 2022

Kirtling Street Complaints & Enquiries January – July 2023

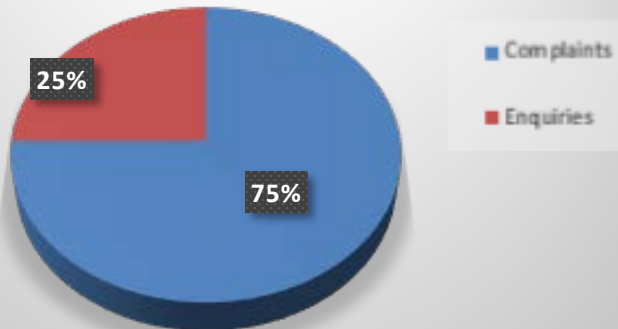


Complaints: 8 – Enquiries 1

Kirtling Street Complaints



Heathwall Pumping Station Complaints & Enquiries January – July 2023



Complaints 3 – Enquiries 1

Heathwall Pumping Station Complaints



Community Engagement

- St George's Primary School – continuing to carry out improvements in the garden areas
- Working with Construction Youth Trust, Women into Construction and the Katherine Low Settlement and schools delivering STEM sessions, engineering days and work placements for students
- Supporting and taking part in London Youth rowing charity events
- Collecting for Mental Health charities
- Hosting post GCSE students for work experience.
- Riverside litter picks





THANK YOU