

KIRTLING STREET & HEATHWALL PUMPING STATION COMMUNITY LIAISON WORKING GROUP

23 November 2022



Tideway



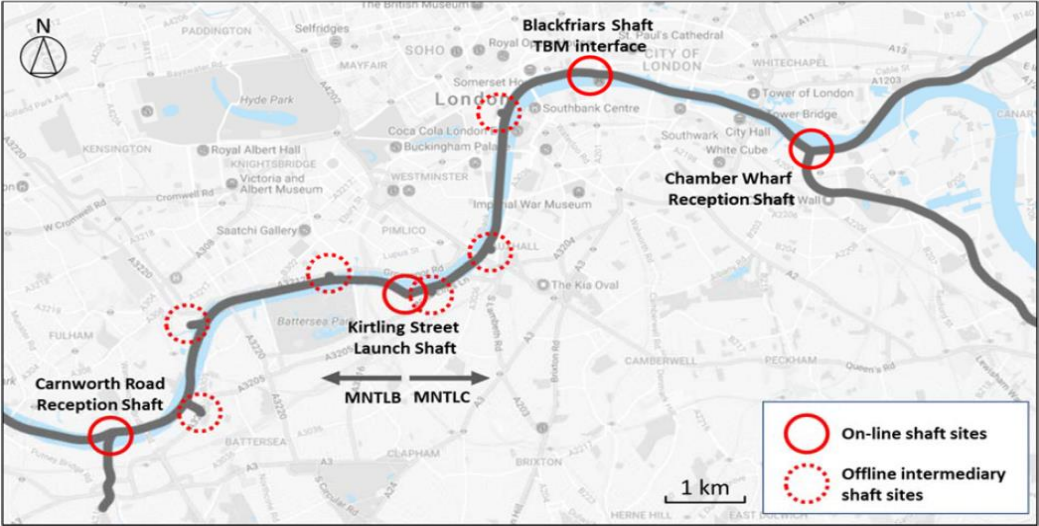


WELCOME

KIRTLING STREET UPDATE

Ignacio Tognaccini
Tunnel Project Manager

Main Tunnel Works



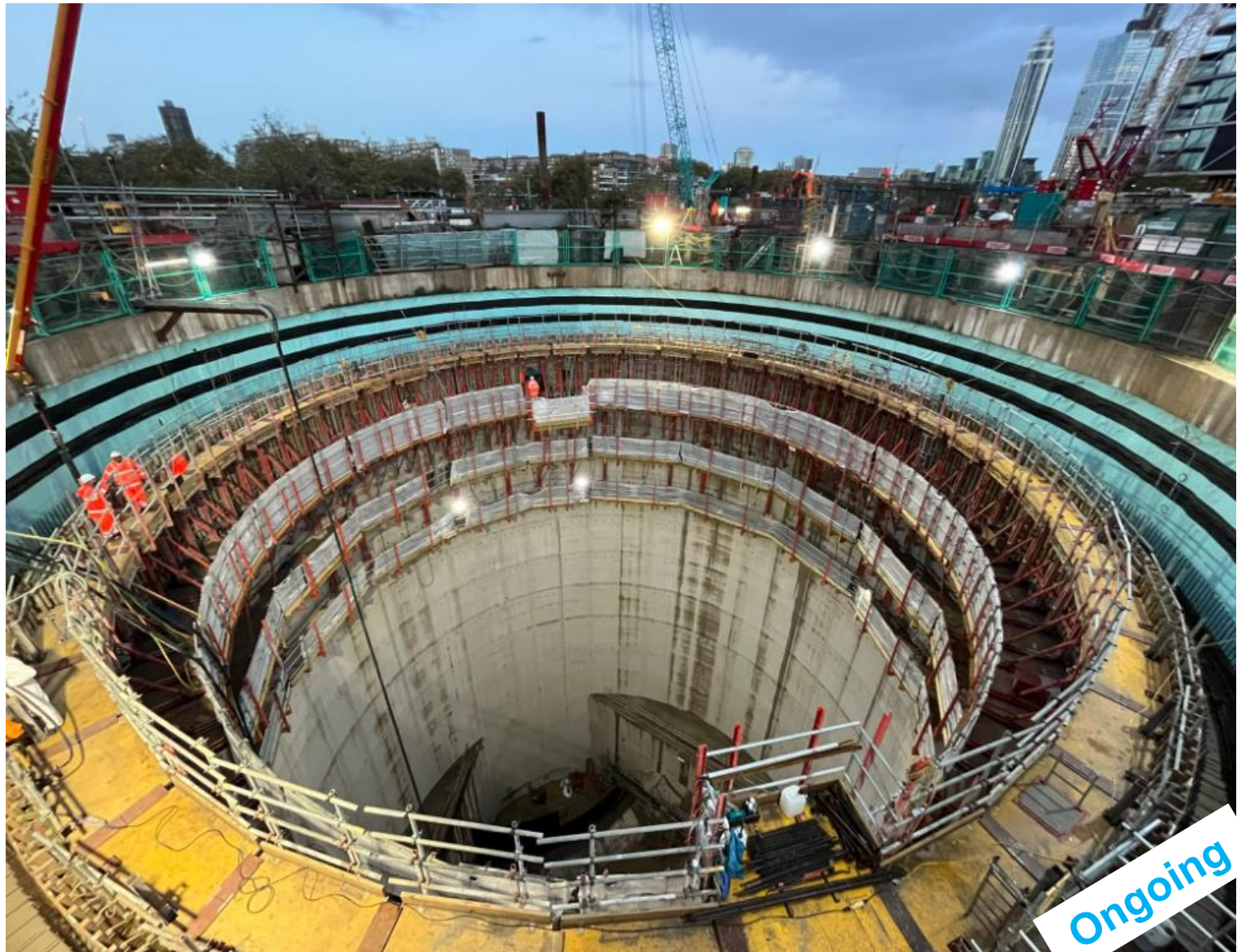
Complete

Acoustic shed removal



Complete

Shaft Secondary Lining



Ongoing

Shaft concrete structures



Complete

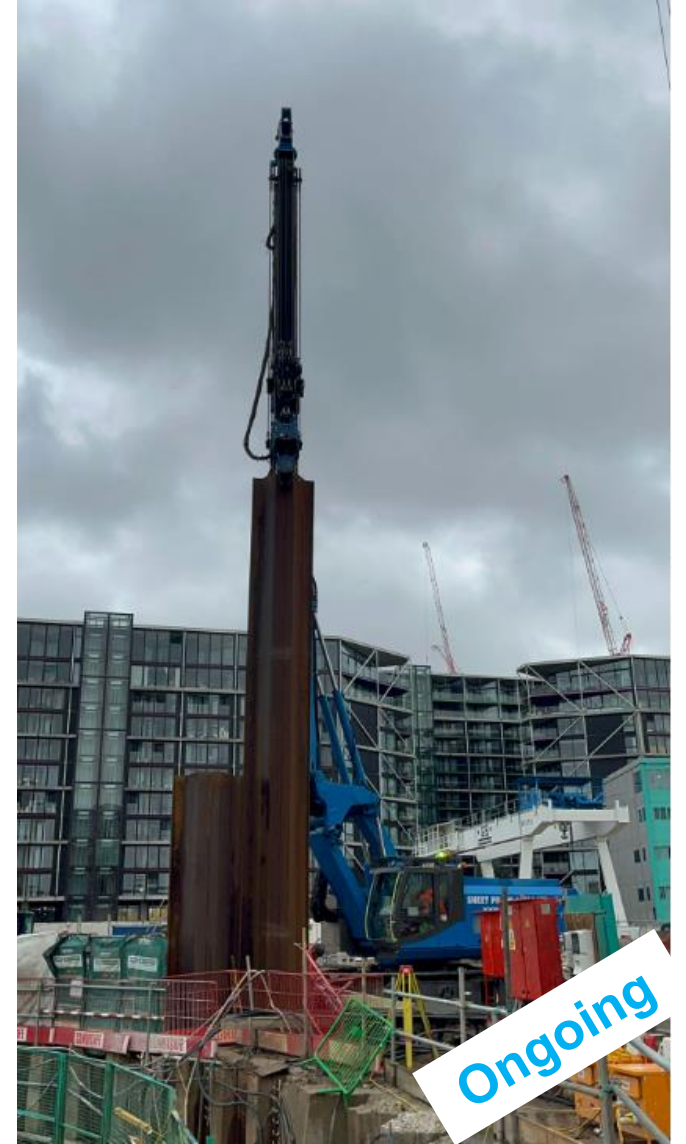
East Portal Construction



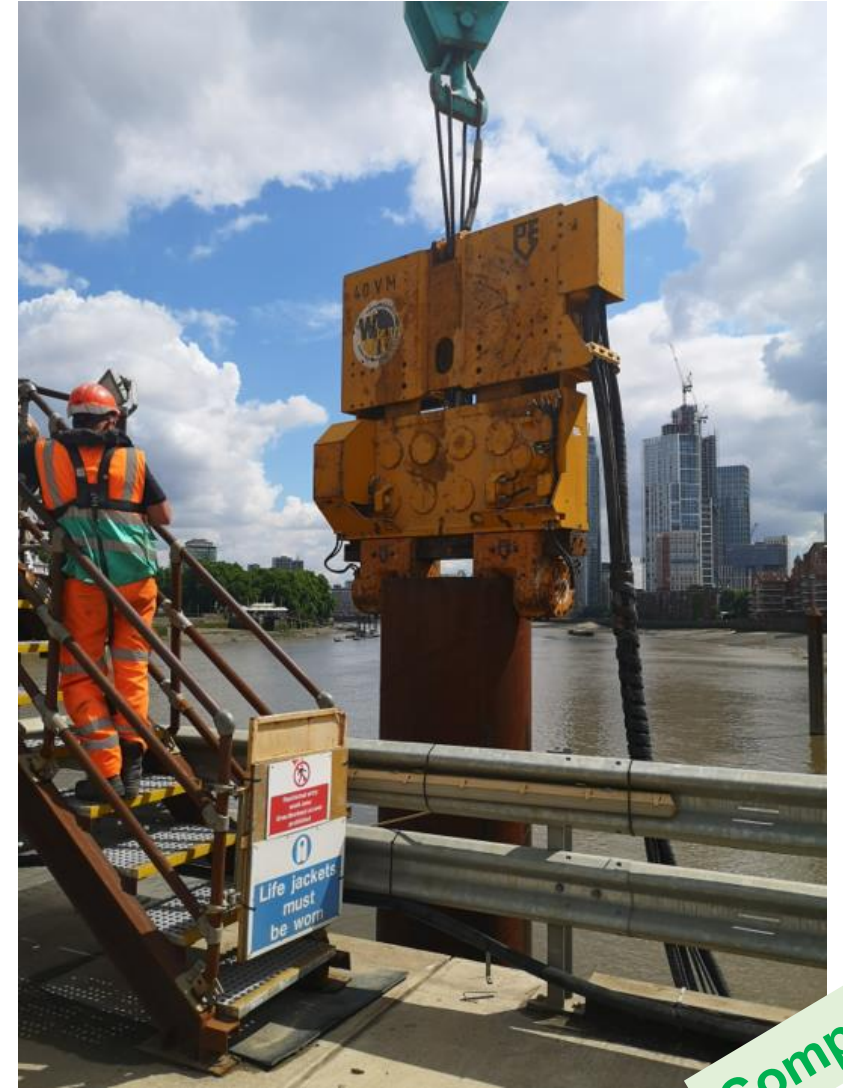
Ongoing

Channel walls

ATU and Kiosk



Marine Works



Complete

KIRTLING STREET ENVIRONMENT UPDATE

**Anna Lamb
Site Environmental Advisor**

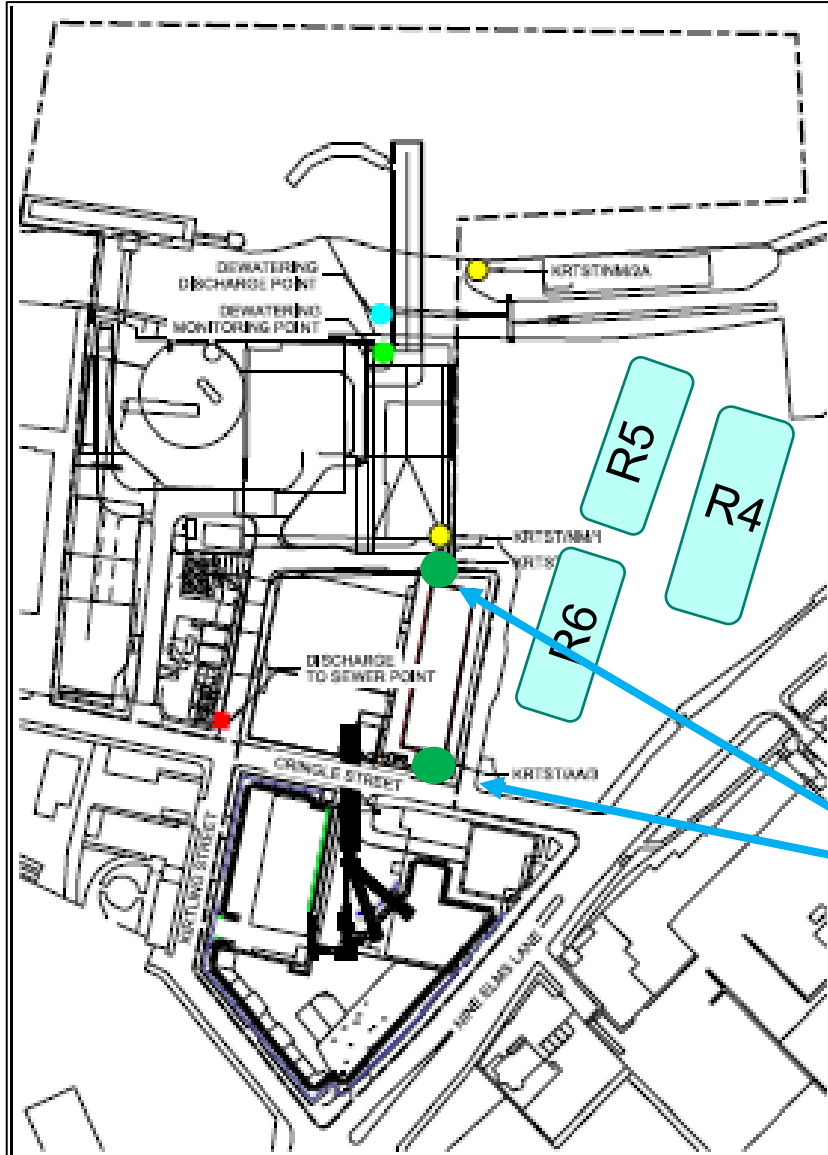
How we are managing the site

- Acoustically clad on-site concrete batching plant
- Metal recycled on site, reducing product delivery and waste disposal vehicles
- Diverting waste from landfill
- Key suppliers using electric vans for transporting goods
- Gantry cranes used for lifting operations in shaft have been taken to Laing O'Rourke's Explore Manufacturing business, and acoustic shed, maximising use of assets
- Reuse of muck bay concrete L-blocks, sold to third party, avoiding sending over 300T of concrete as waste



Transportation of gantry cranes for further use at Laing O'Rourke's Explore Manufacturing business.

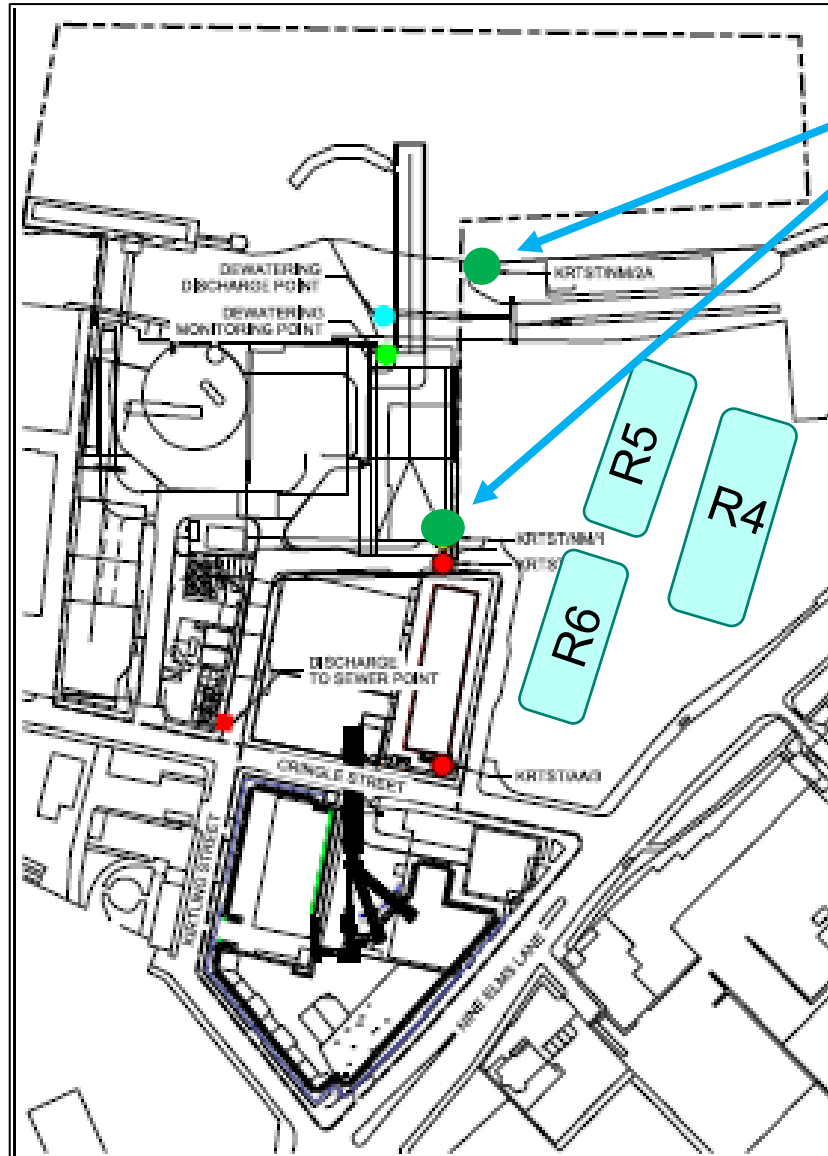
Kirtling Street Air Quality Monitoring



August – November 2022:
No air quality exceedances

Air Quality Monitors

Kirtling Street Noise Monitoring



Noise Monitors

August – November 2022:
Noise exceedances NM1
1 exceedance:
06/08/2022

HEATHWALL PUMPING STATION UPDATE

David Kay
Heathwall Construction Manager

Heathwall Pumping Station Overview



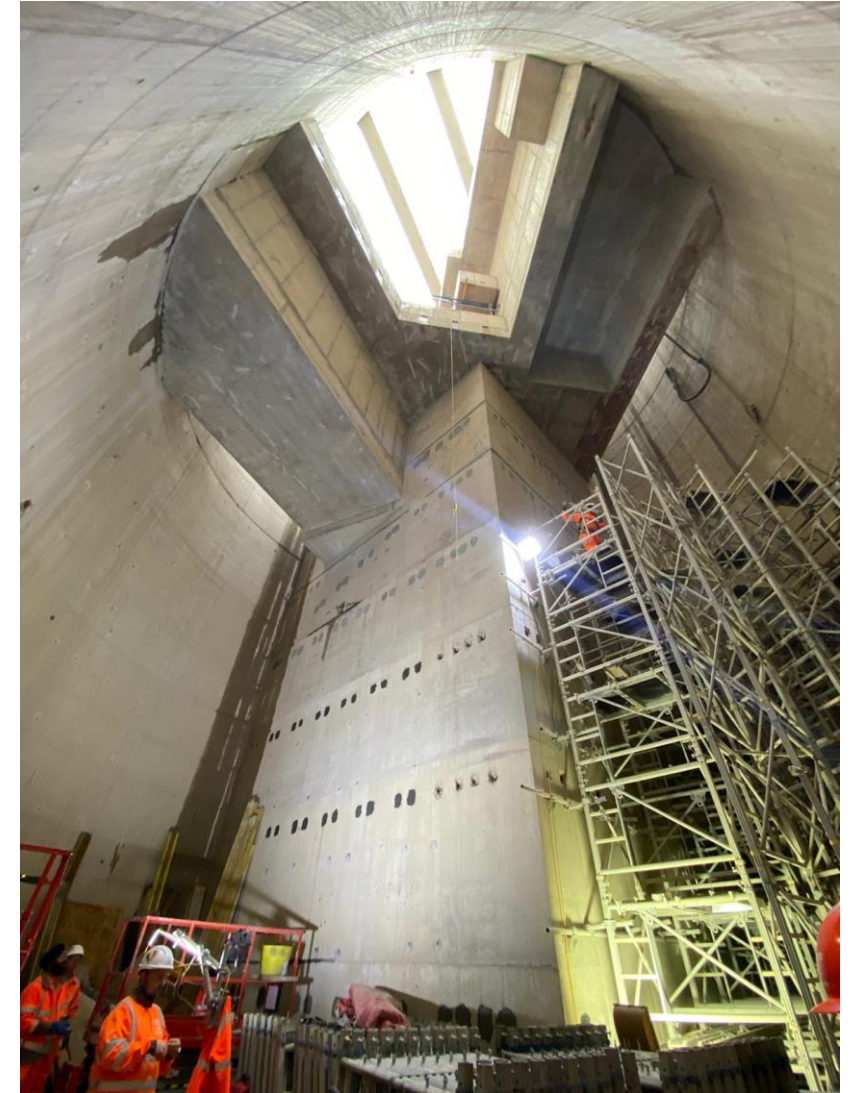
Shaft & Tunnels Progress

Progress

- CSO Shaft internals and heading beam complete
- HPS IC internals complete
- SWSR IC RC Internal Walls complete
- Temporary cofferdam works complete
- PS IC connection to existing Pumping Station ongoing
- Shaft roofs precast and in-situ slabs ongoing
- Minor civil works ongoing



Connection of PS IC to existing Pumping Station



CSO Shaft Internals (Inc Vortex Tubes, SWSR Portal and Culvert Portal)

Heathwall Pumping 3-month lookahead

- SWSR IC roof removal and connection to live sewer
- PS IC roof
- CSO Shaft roof
- Temporary Cofferdam Removal
- Scour Protection installation
- Minor Civils
- Tower Crane removal
- Main welfare decommissioning

Working Hours

Standard hours will be;

Monday to Friday: Day shifts 7am to 6pm

Saturday 07:00 – 13:00

Note: SWSR works tidal so hours will vary over 24h period



SWSR IC excavation

**HEATHWALL PUMPING
STATION
ENVIRONMENT
UPDATE**

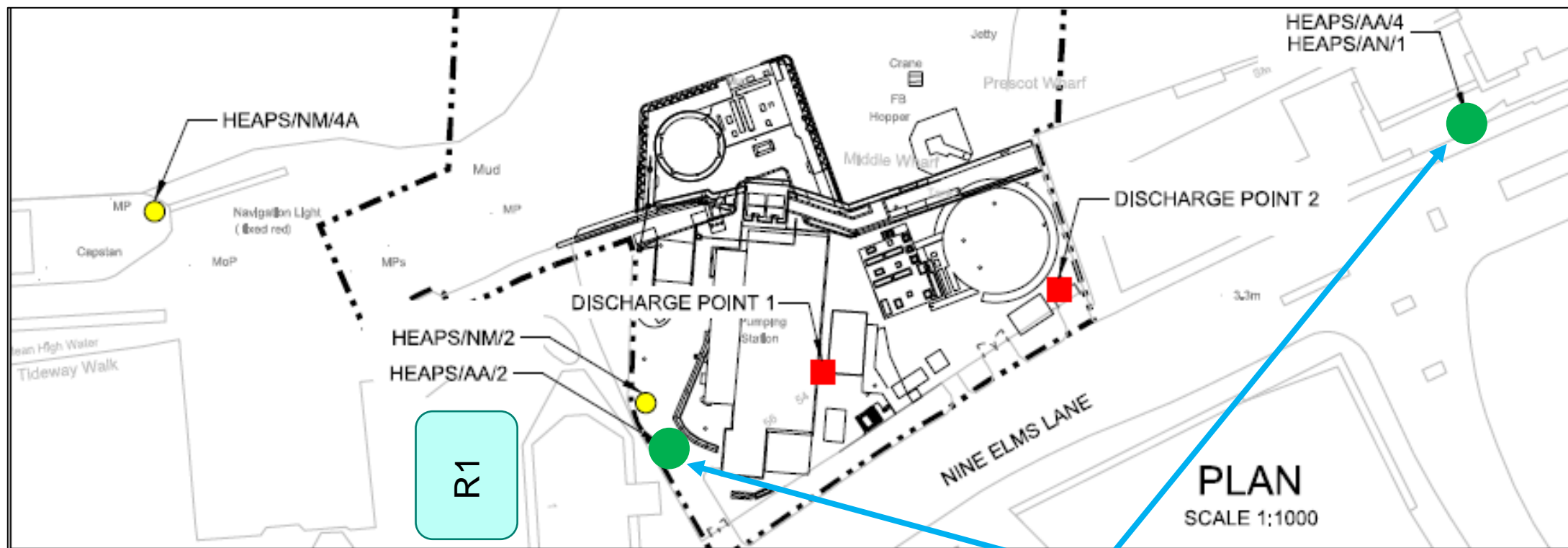
**Anna Lamb
Site Environmental Advisor**

How we are managing the site

- EU emissions stage V mini-crane
- Electric powered tower crane resulting in zero emissions
- Gradual removal of site cranes
- Hydro-treated vegetable oil (HVO) used in plant, an 85% reduction in plant emissions predicted
- Key suppliers using electric vans for transporting goods
- Waste diversion from landfill



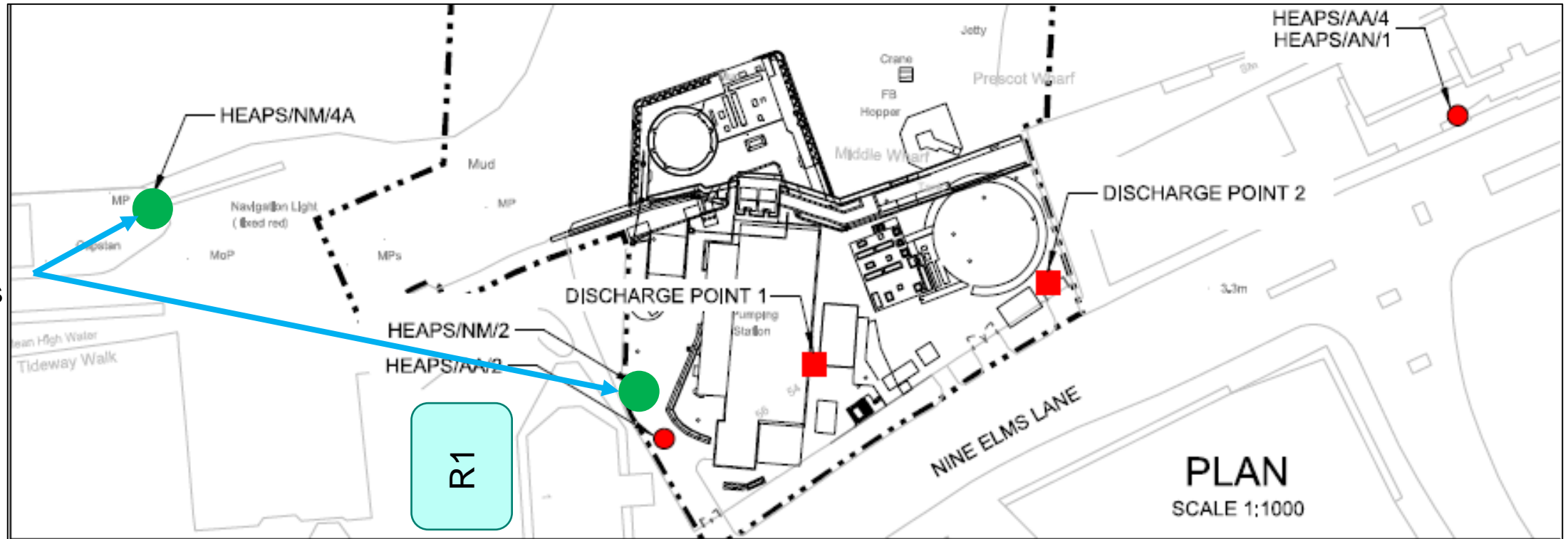
Heathwall Pumping Station Air Quality



Air Quality Monitors

August – November 2022:
No air quality exceedances.

Heathwall Pumping Station Noise

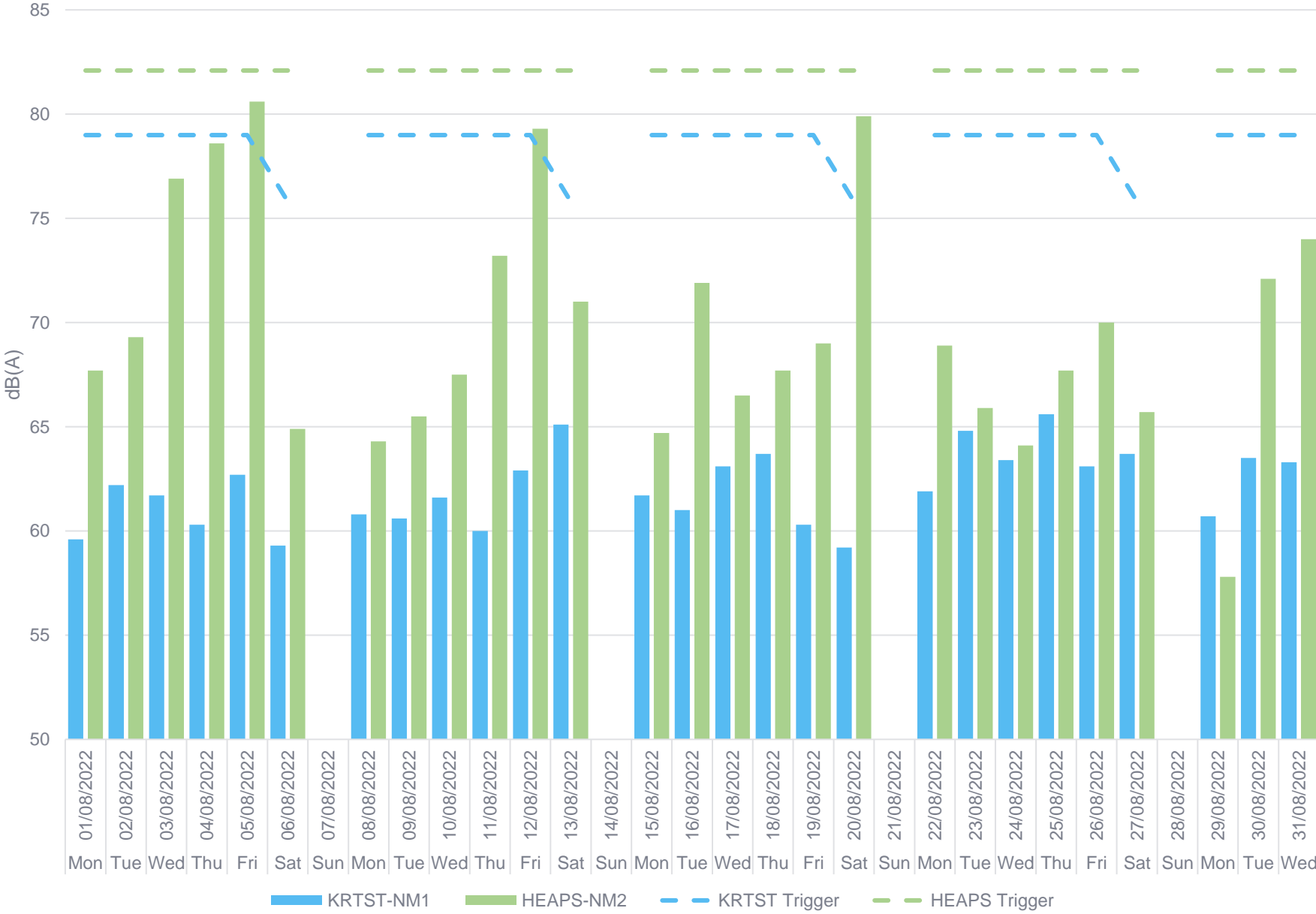


**August – November 2022: NM2
1 noise exceedance.
20/08/2022.**

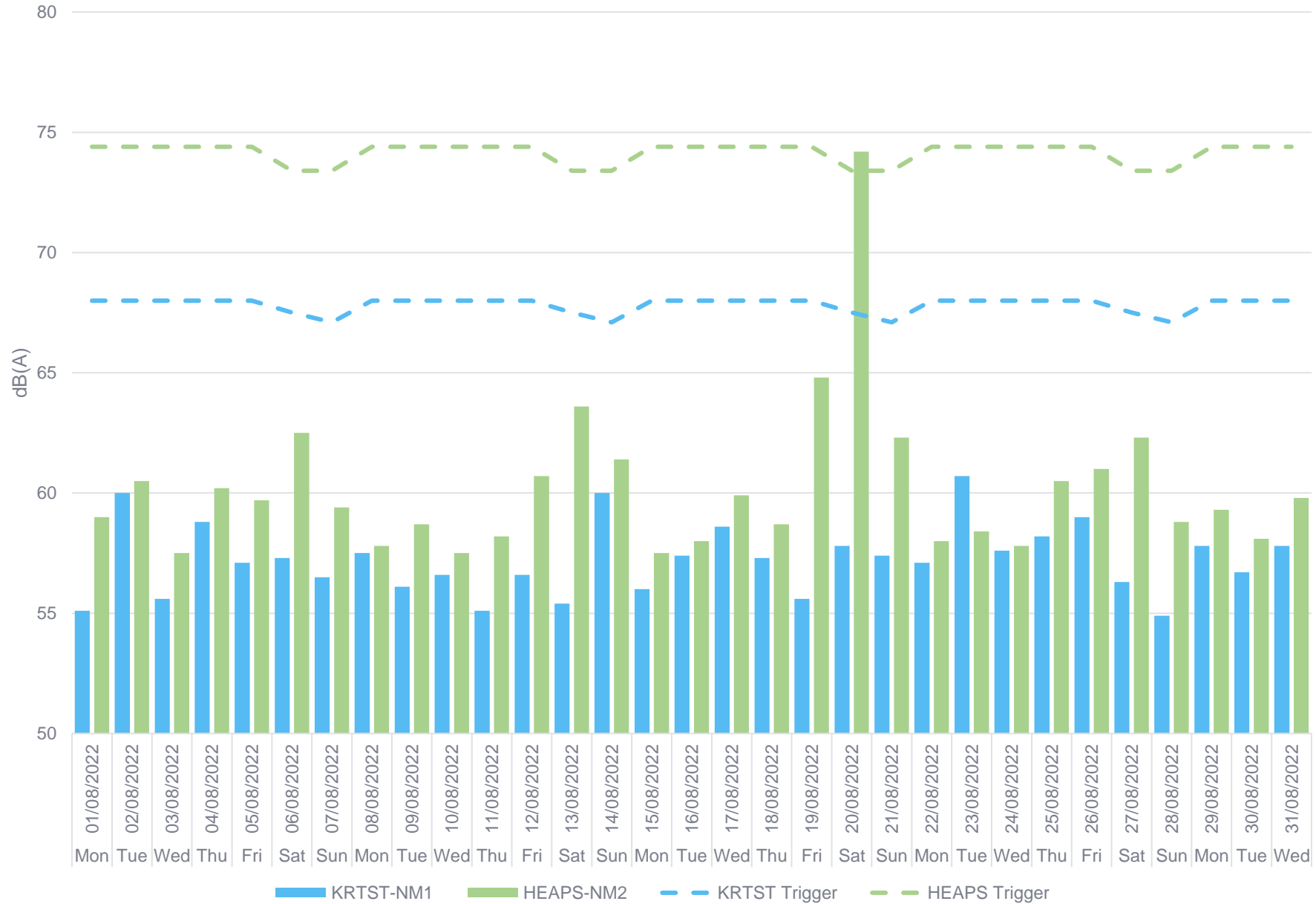
**NOISE DATA
AUGUST – OCTOBER
2022**

**Provided by Neil Anderson
Noise Consultant**

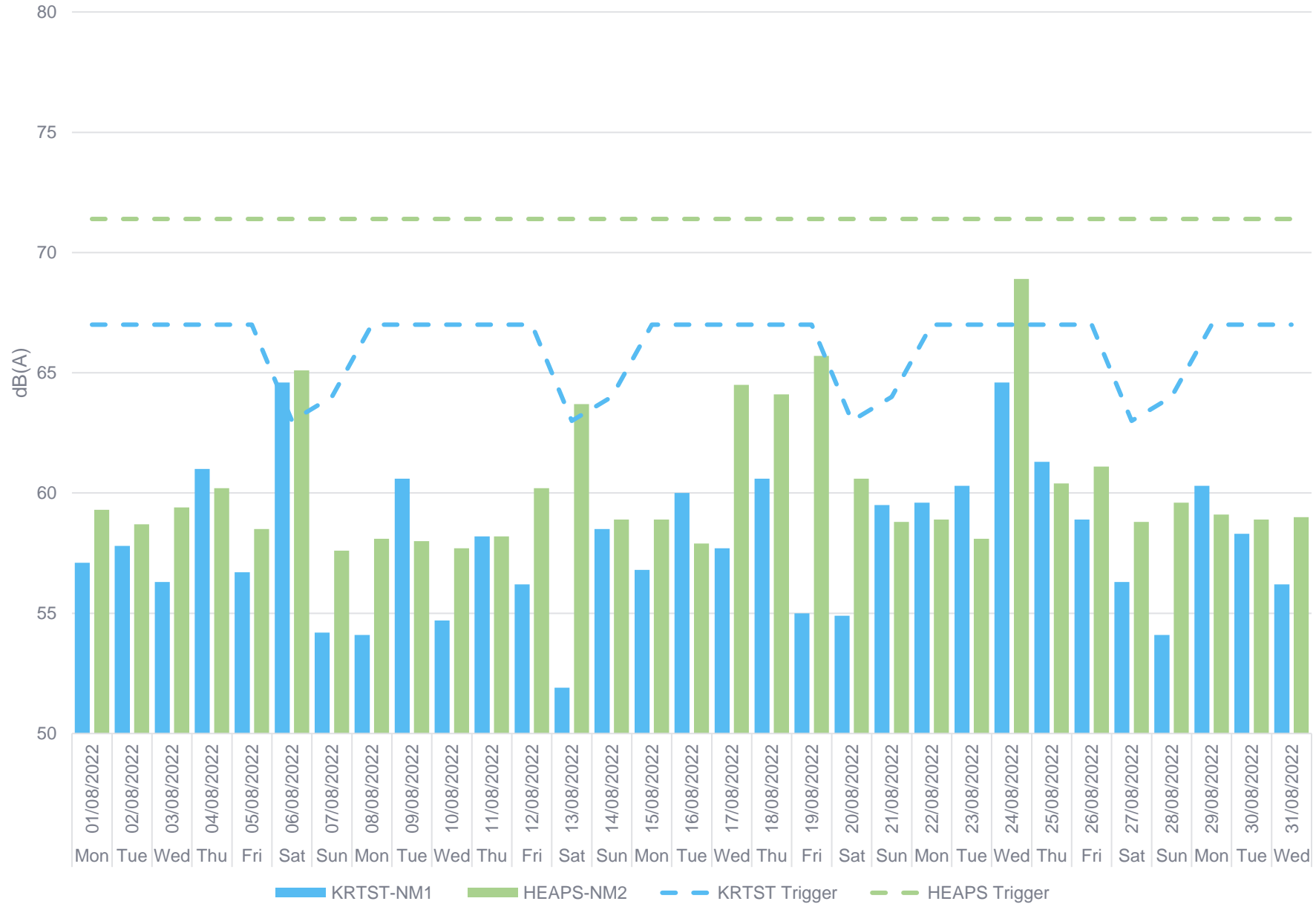
Daytime (Core) - August 2022



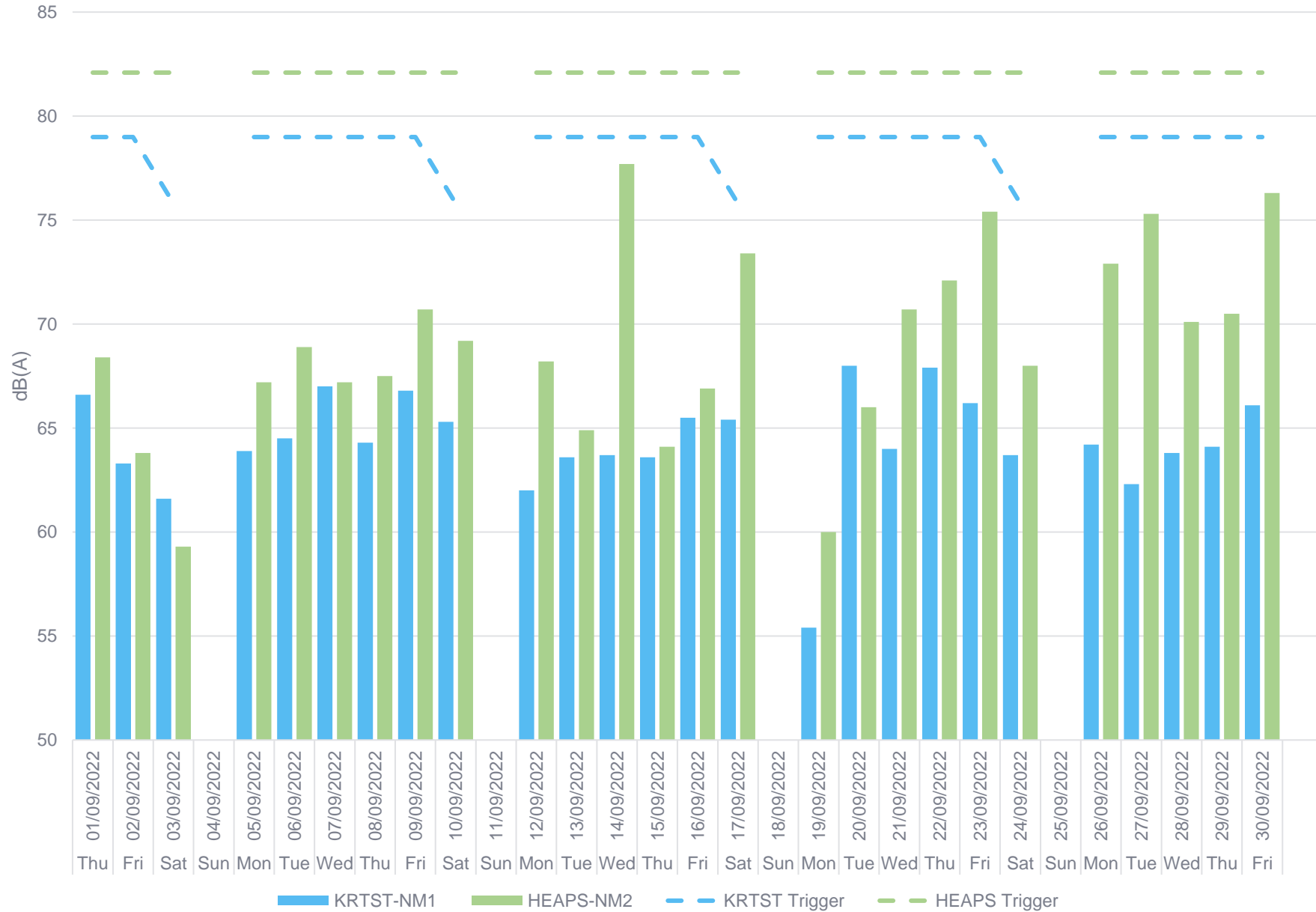
Evening (Extended) - August 2022



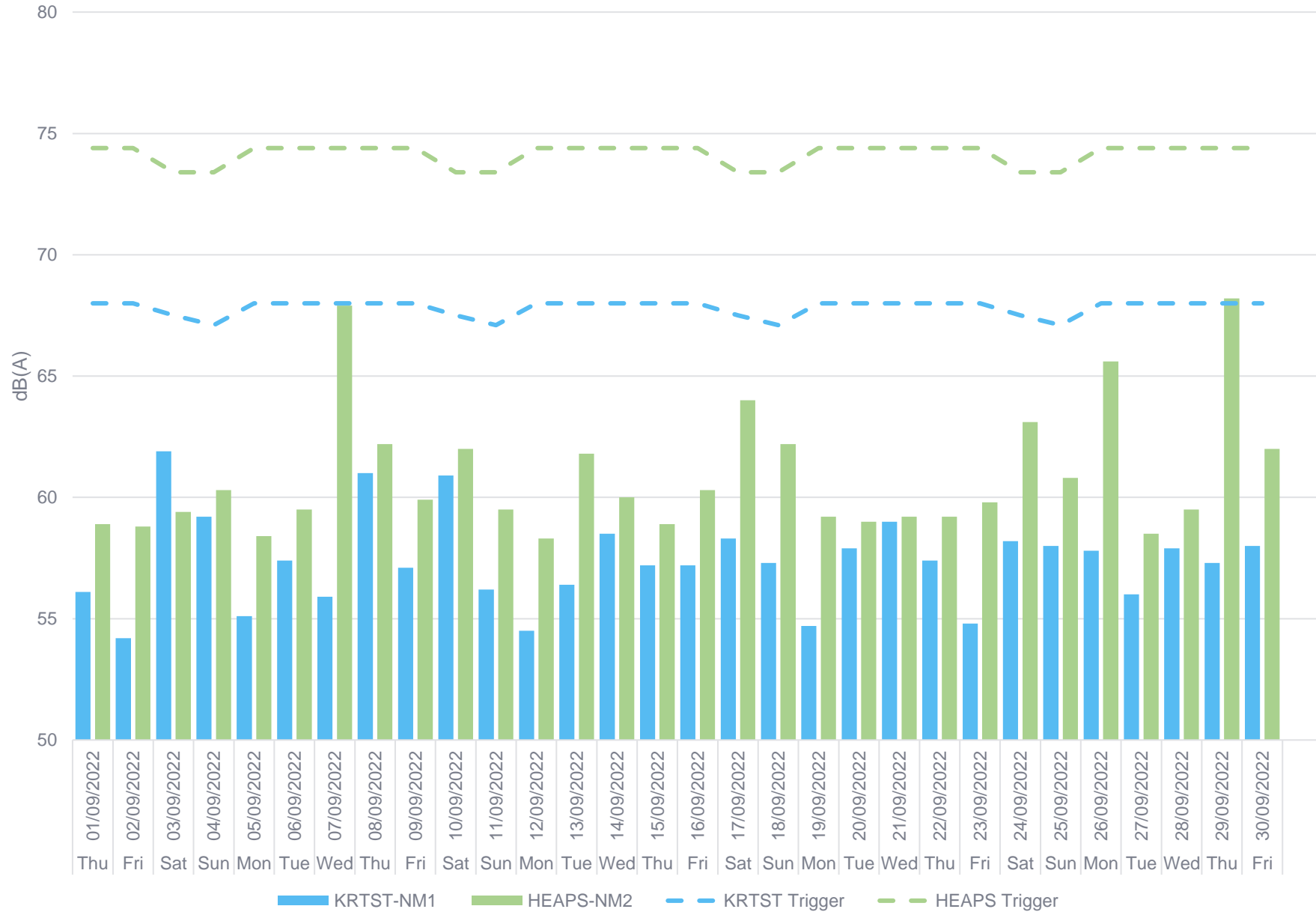
Night - August 2022



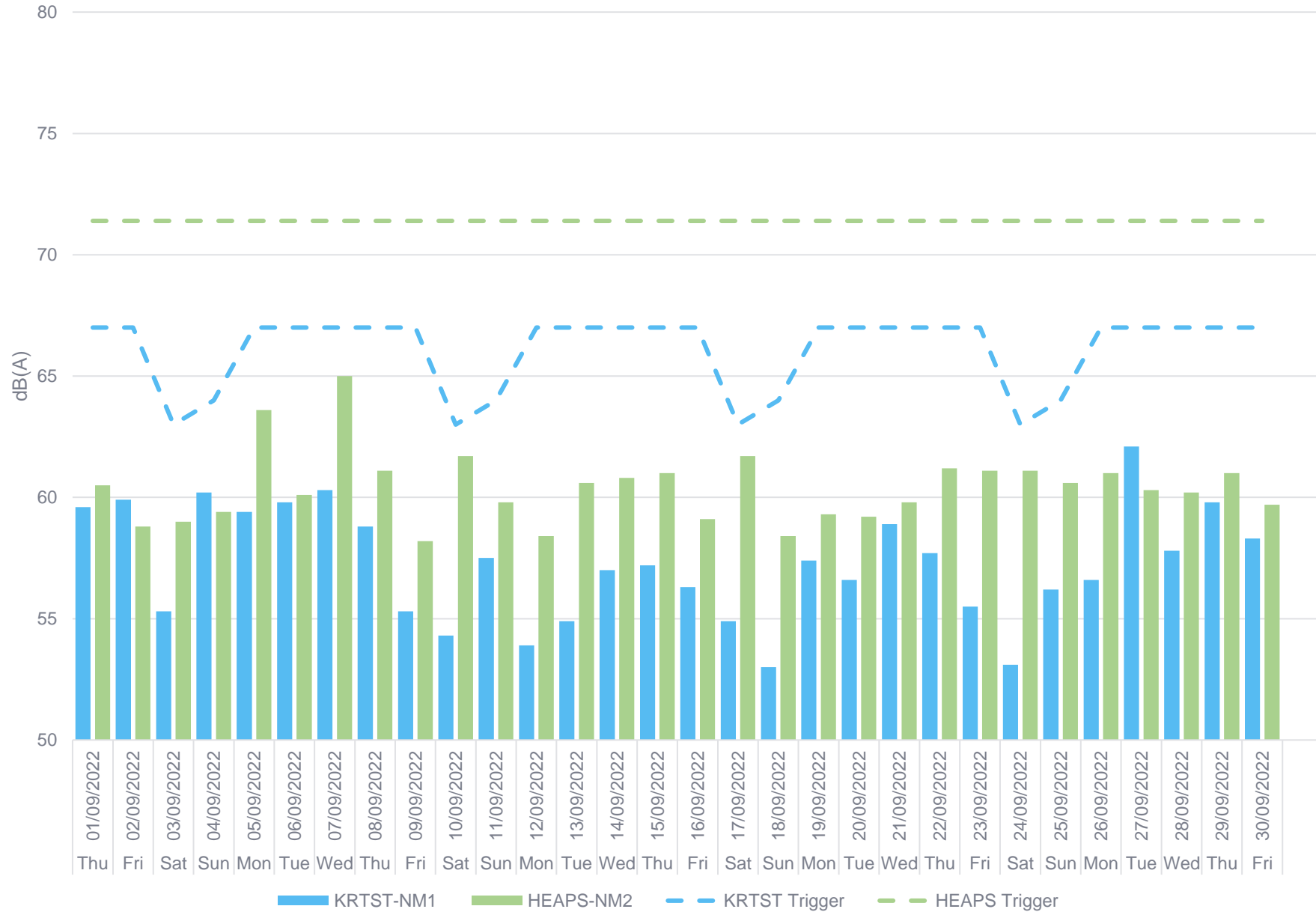
Daytime (Core) - September 2022



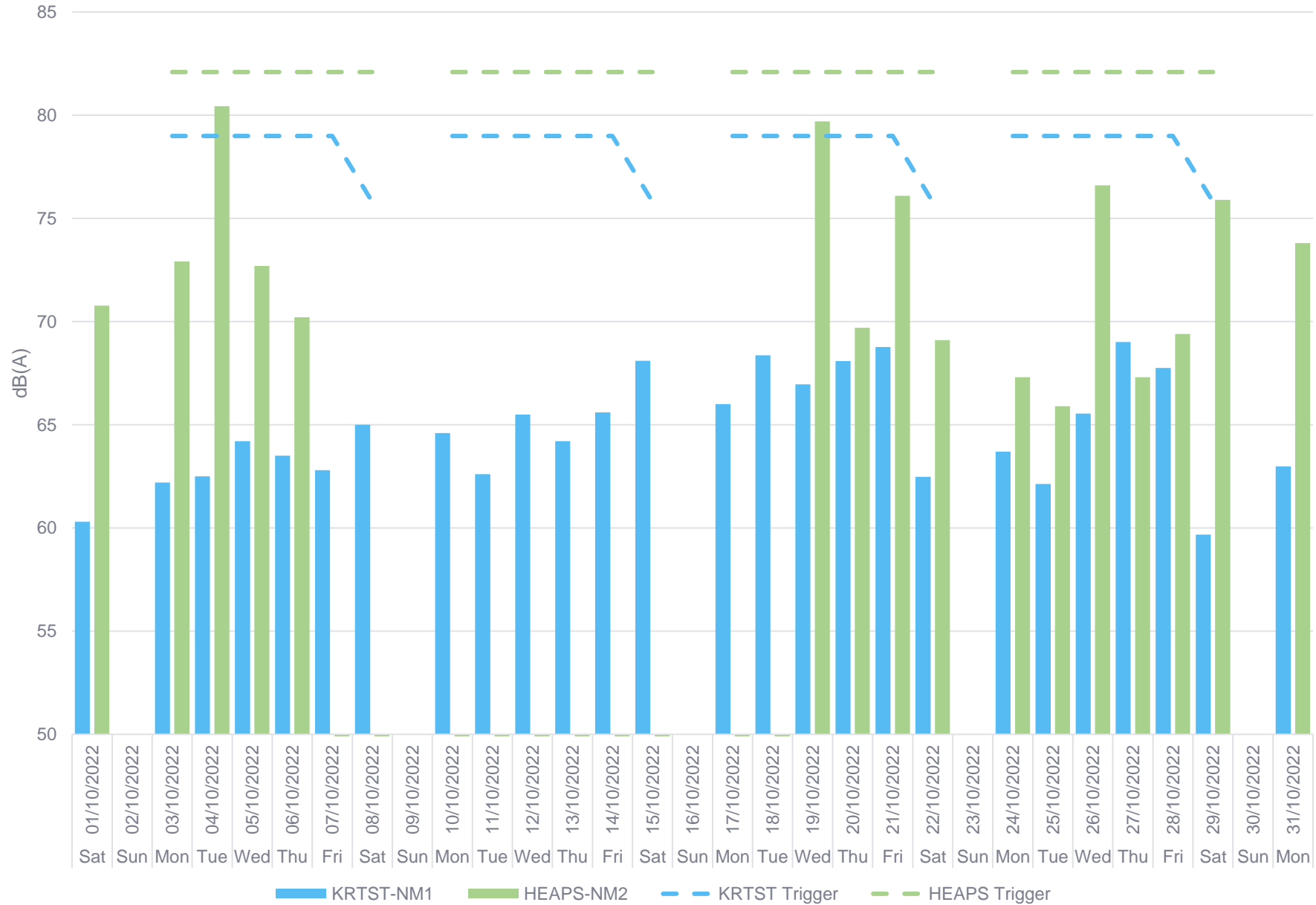
Evening (Extended) - September 2022



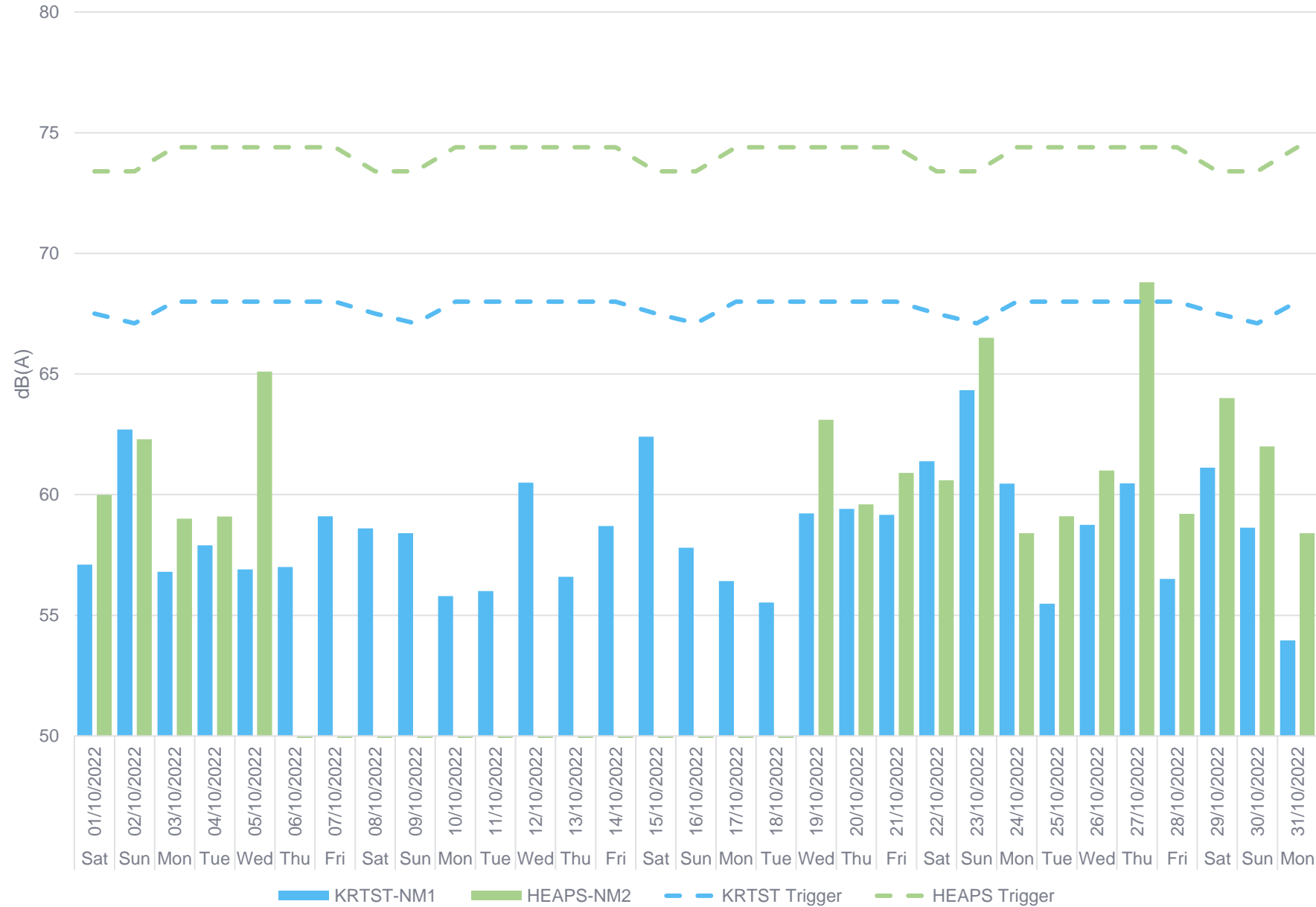
Night - September 2022



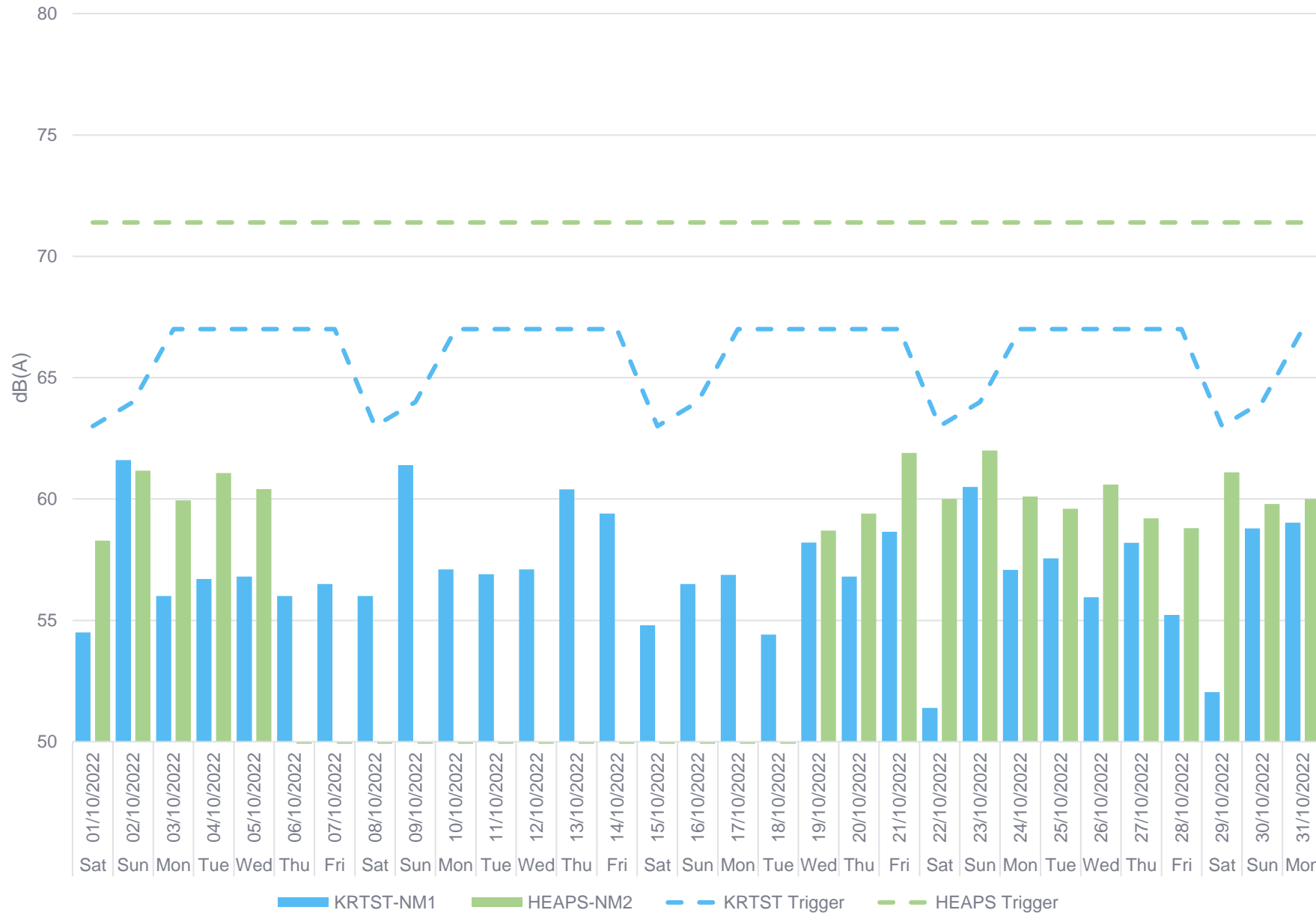
Daytime (Core) - October 2022



Evening (Extended) - October 2022



Night - October 2022

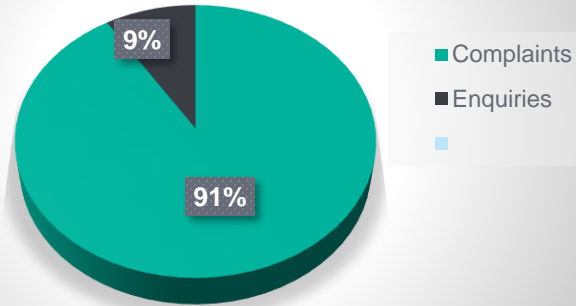


COMMUNITY ENGAGEMENT UPDATE

Alick Whitfield
Community Relations Manager

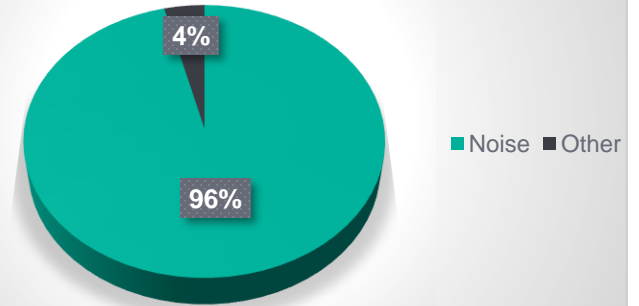
Complaints and Enquiries 2022

Kirtling Street Complaints & Enquiries 2022

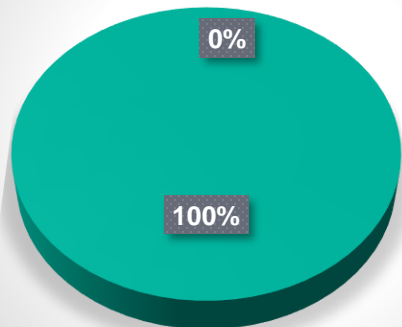


Complaints: 51 – Enquiries 5

Kirtling Street Complaints

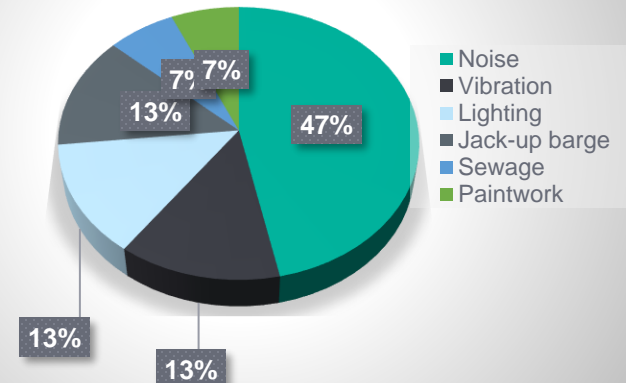


Heathwall Pumping Station Complaints & Enquiries 2022



Complaints 15

Heathwall Pumping Station Complaints



Community Engagement

- St George's Primary School – Happiness Garden for the children opened by the Mayor in May
- Continuing to work with partner organisations like Construction Youth Trust, the Katherine Low Settlement, Spiral, Urban Synergy and Uptree to deliver STEM sessions, engineering days and work placements for school students
- Supporting and taking part in London Youth rowing charity events
- Collecting for Ukraine
- Supporting World Heartbeat's opening of a new performing arts centre in Nine Elms



Open Day

- Kirtling Street shaft and tunnels were opened up to friends, family and residents on Sunday, 20 November.
- near to 200 visitors including 25 residents.





THANK YOU