

Hologic, Crewe Road – Heron House: Noise Management Plan

Organisation details

Company name and head office address	Hologic Inc. 250 Campus Drive Marlborough MA 01752 United States of America
Site address to which NMP applies	Hologic Ltd Heron House Oaks Business Park Crewe Road Wythenshawe Manchester M23 9HZ United Kingdom
Site contact details	Name: Position Email: Phone:

This Noise Management Plan (NMP) contains the following:

- Statement of intent including brief outline of proposals for the site
- Identification of potentially noise sensitive uses adjacent the site
- Details of any baseline noise assessment undertaken
- Details of noise mitigation and control measures to minimise noise including measures to ensure noise from the site is continuously minimised
- Details of how complaints/correspondence will be dealt with

Statement of Intent

The Crewe Road facility serves as both the UK headquarters of Hologic Ltd, the UK trading company of Hologic Inc) and as a manufacturing and distribution hub for the receipt of raw products/materials, the manufacture of finished product and its onward transmission throughout the UK. The principle manufacturing and testing activities at the site occur within the laboratories located in Heron House.

The site is located on the Oaks Business Park, a small industrial estate, with residential housing immediately adjacent the site's boundary.

The company has obtained planning permission for the 24-hour operation of Heron House (MCC Planning reference: 127120/JO/2020, dated 9 July 2020) – this Noise Management Plan (NMP) provides compliance with planning Condition 1 of that Permission; the building was already subject to a planning permission for 24-hour operation (MCC Planning reference: 064913/FO/SOUTH2/02) and the latest Permission is merely a variation to Condition 4 of that permission, placing the permitted activities in the name of Hologic Ltd.

There are no proposed changes in operations associated with the 24-operation within the building and, specifically, overnight activities involve a small number of staff working within the laboratories; there will be **no additional external activities, vehicle movements or installation of fixed plant equipment**. Day time activities will continue as per the current situation with **no proposed increase of vehicle movements to or from Heron House**.

However, the site does have a history of complaints from local residents, principally concerning noise from the operation of external fixed plant equipment associated with Heron House as a result of which, this NMP is intended to minimise and, where practicable, reduce the incidence of noise disturbance to local residents.

An independent noise assessment has been carried out including the recording of boundary noise measurements to the west, north and east/north-east of the building.

In order to reduce the likelihood of disturbance to local residents we intend to implement a number of noise mitigation and control measures, as presented in this NMP.

Noise sensitive receptors

The site is located on the Oaks Business Park, a small industrial estate, with residential housing immediately adjacent the site's south-western, western and north-western boundaries, along the B5167 Wythenshawe Road and Gateacre Drive. The extent of the overall Hologic occupancy at this site, and the location of Heron House within the site, are presented as Figure 1 at Appendix A.

The closest residential receptors are the flats on Warmley Road, the bungalows at the end of Stubbins Close and, to the north of the site, 271A Wythenshawe.

The site has a history of complaints from local residents, principally concerning noise from the operation of external fixed plant equipment associated with Heron House.

Baseline Noise Assessment

A baseline noise measurement survey was conducted, in August 2018, by an independent Acoustic Consultancy comprising the recording of boundary noise measurements to the west, north and east/north-east of the building. The report, submitted in October 2019, is appended to this NMP as Appendix B.

Noise control & mitigation measures

The following measures are proposed to minimise the likelihood of disturbance to our neighbours:

1. Deliveries to or from Heron House will be restricted to the hours:
 - 08:00 to 20:00 Monday to Friday (most deliveries occur up to 16:30 with deliveries after these times occurring very infrequently);
 - 09:00 to 12:00 on Saturdays;
 - No deliveries on Sundays and Public Holidays.:
2. We have invested in technological solutions to minimise noise including: the use of electrically-powered fork-lift trucks etc.) and our own delivery vehicles; acoustic jackets have been installed on the chiller units to minimize any noise; we are looking at reducing the AHU system output during non-business hours to reduce noise and for sustainability purposes (although this sounds like an easy process, due to heavy regulatory requirements, a huge amount of work is needed to ensure manufacturing compliance can still be maintained for our products).
3. Delivery vehicles will not wait with engines idling unnecessarily.
4. Drivers will be instructed to ensure that loud audible music is not playing in the cabs on arrival, during loading/unloading or during departure from the site.
5. We will train our receiving staff and drivers to ensure compliance with the NMP. This will include:
 - Avoiding the use of raised voices.
 - Avoiding heavy-handling of tools, equipment and materials.
 - Awareness of the potential noise-sensitivity of our neighbours and the need to minimise noise disturbance.
 - A pro-active internal reporting process for noisy equipment by enabling our on-site staff to identify excessively noisy equipment.
6. We will work proactively with our suppliers to ensure compliance with the NMP including, where practicable, the fitting of broadband manoeuvring alarms to delivery vehicles.
7. We will avoid the noisy movement of materials and goods outside the hours specified in bullet point 1.
8. Vehicles will be maintained in good condition to prevent the emission of avoidable adverse noise.
9. Covers and sound-insulating screens, where fitted to plant or equipment, will be kept closed and maintained in good working order.
10. A complaint reporting process for the site is currently in place; we document and investigate all reasonable complaints from our neighbours and, where necessary, will commission follow-up noise assessments to identify and mitigate adverse noise arising from the operation of the new building extension. The findings of the investigations will be reported back to the complainants.

Compliance Noise Monitoring

In the event that (a) a reasonable complaint is received concerning adverse noise from the site and/or (b) adverse noise is identified by staff, irrespective of whether a complaint has been made, the noise will be investigated and mitigated.

Where the noise cannot be readily identified or where further detailed technical assessment is deemed necessary, an independent Acoustic Consultant will be commissioned to provide the necessary specialist advice and/or assessment. This may include the provision of noise measurement on-site or at the complainant's property.

Appendix A: Figures and Plans

Figure 1: Overall Hologic site occupancy (Heron House outlined in green)



Appendix B: Baseline noise assessment

<INVC report to be appended>