

**Noise Impact Assessment**  
**36 Station Approach, Ruislip**



## 1.0 Introduction

This Noise Management Statement has been prepared in support of a planning application at 36 Station Approach for the extended use of an existing hydropool facility for hydrotherapy purposes.

The purpose of this statement is to assess the potential for noise arising from the proposed use and to demonstrate that the development can operate without giving rise to unacceptable impacts on neighbouring residential amenity, in accordance with relevant planning policy and recognised British Standards.

## 2.0 Policy Context

The assessment of noise impacts has been undertaken with reference to:

- National Planning Policy Framework
  - Requires development to avoid significant adverse impacts on health and quality of life from noise
- DMHB 11
  - Requires development to protect the amenity of surrounding occupiers, including in respect of noise and disturbance
- BS 8233:2014
  - Provides guidance on acceptable internal and external noise levels
- BS 4142:2014+A1:2019
  - Provides a framework for assessing the impact of noise from non-residential uses on residential receptors

## 3.0 Existing Environment

The site is located within an established residential area characterised by typical suburban background noise sources, including:

- Local traffic movements
- Domestic activities
- General residential comings and goings

The existing baseline noise environment is therefore typical of a quiet residential setting however Station Approach is notably busy, there is also South Ruislip Train Station within 100 metres of the site

## 4.0 Nature of the Proposed Use

The proposed hydrotherapy use is inherently low impact in noise terms.

Hydrotherapy differs fundamentally from general leisure or swimming pool uses:

- It is a clinically controlled therapeutic activity
- Sessions are supervised and structured
- Only one user is present at any given time
- Activity is calm and non-competitive

There are no amplified sound sources, group sessions, or external activities associated with the use.

## **5.0 Operational Controls**

In order to ensure that noise impacts are minimised, the use will be subject to strict operational limitations:

- Maximum of 2–3 users per day
- One user at a time within the facility
- Appointment-only operation
- Hours restricted to 09:00–17:00 (weekdays only)
- No evening or weekend use

These restrictions ensure that:

- Noise-generating activity is minimal and intermittent
- No activity occurs during sensitive periods (evenings or weekends)
- There is no cumulative or overlapping noise impact

## **6.0 Noise Impact Assessment**

### **Internal Noise Sources**

Noise generated within the hydro pool building is limited to:

- Low-level conversation
- Water movement associated with hydrotherapy

Given that the facility is:

- Fully enclosed
- Constructed as a purpose-built structure

### **External Noise Sources**

External noise associated with the use would be limited to:

- Occasional vehicle arrivals and departures
- Short-duration door opening/closing

Given the extremely low number of users (maximum 3 per day), this activity is comparable to typical residential visitor movements and would not represent a material change to the existing noise environment. Any internal noise will be significantly attenuated before reaching neighbouring properties. The facility would be accessed via the rear alleyway, the Applicant owns both adjacent properties also, as such there would be no requirement to walk through gardens. Typically, appointments would be held between 9-5 which are ordinary working hours therefore there would be limited, if any, disturbance to local residents.

## **Conclusion**

The relevant standard for this assessment is, BS 4142:2014+A1:20, under BS 4142, the impact of commercial or non-residential noise is assessed relative to background sound levels.

The proposed use generates very low noise levels. The existing background noise levels are high due to the site being located adjacent to a busy road and also local commercial uses. Noise events are infrequent and short in duration. Vehicles would use the pay and display or spaces on the application properties driveway; access would be gained via the alley to the rear therefore there would be no disturbance to neighbouring residents. The Applicant also owns both neighbouring properties.

Accordingly, the rating level of the proposed use would be expected to fall at or below the background sound level, indicating a low impact and low likelihood of adverse effects.