

Dear Narinder,

Planning Application: APP/25/01027

Description: Details to Discharge of conditions 8 (Surface water drainage scheme), 15 (Playing Field Reinstatement), 29 (Construction Lighting) and 33 (Site Compound Details for Phase 2b) of planning permission reference APP/24/00405 dated 22nd September 2025 (Submission Phase 2B).

Site Address: Havant Thicket Reservoir Site

Thank you for consulting Environmental Health (pollution) regarding the above discharge of conditions application.

Condition 29 - Details of Lighting (Permanent and Temporary including construction)

The following documents have been reviewed.

- Future Water Havant Thicket Reservoir Construction Lighting Strategy Document
Reference: HTR-FUW-ZZ-ZZ-PL-W-0534 (March 2024)
- DW Windsor Havant Thicket Solar Project (dated 10/03/2025)
- SWECO Outdoor lighting report Document ID: 65209354-SWE-ZZ-ZZ-C-E-1302
(26 August 2025)
- Ward & Burke Havant Thicket Reservoir – Main Pipeline works HTR-WAB-PI-ZZ-RP-W-0013_Construction Lighting Strategy (October2025) / SWECO Havant Reservoir Pipeline Construction Lighting Impact Assessment Document
reference 65209354-SWE-ZZ-ZZ-T-E-1001-P05 (14/10/2025)

Main reservoir site

The construction works and compound at the main reservoir site are remote from dwellings with the closest construction lighting being at 70m, the Future Water report has not included further assessment of light impacts to dwellings. No adverse impacts from glare or light spill are anticipated from the construction lighting at the main reservoir site.

Ecological impacts to wildlife and habitats have been considered, however these matters are not within the remit of Environmental Health (pollution), and I am therefore

unable to confirm whether the information regarding controls to minimise impact to ecological receptors is sufficient.

Pipeline work areas

Future Water Document Reference: HTR-FUW-ZZ-ZZ-PL-W-0534 Appendix A: SWECO Document reference 65209354-SWE-ZZ-ZZ-T-E-1001-P05

The report considers ILP guidance note GN01 '*The reduction of obtrusive light, 2021*' in section 3.3, and has categorised that work areas are generally in Environmental Zone E3, with site compound 10 being in E2 as it is a more rural location. The EZ categories are considered appropriate.

Appendix A of the SWECO report includes lux diagrams presenting light spill modelling at each site of the 10 satellite construction compounds, walkways and parking areas. The plans indicate that light spill onto neighbouring premises is below the threshold criteria for the relevant Environmental Zone.

Solar lighting is proposed to reduce reliance upon generators or electrical supply. Solar panels are designed and orientated to prevent potential glare impacts to dwellings.

The following luminaires are proposed.

- Luminaire A: STEALTH ELITE 3000K M1 LENS LED1500
- Luminaire D: Sierra Solar Midi 30W 3000K Asymmetrical Area (maintenance factor 0.75)
- Luminaire E: Sierra Solar Midi 30W 3000K Asymmetrical Area (maintenance factor 0.83)
- Luminaire F: Sierra Solar Max 50W 3000K Asymmetrical Area (maintenance factor 0.75)
- Luminaire G: Sierra Solar Max 50W 3000K Asymmetrical Area (maintenance factor 0.83)

The following general mitigation measures are detailed in section 6.0

- Luminaires with Warm White 3000K LEDs are proposed with low blue light content.
- Column heights will be no greater than 6m height to minimise light spill.
- Only luminaires with a full cut-off (no light above the 90-degree angle) and optical control will be used.
- No upward tilts on luminaires in areas with sensitive receptors
- External security lighting will be set on motion-sensors with short (1 minute) timers when activated to 50% of light output.
- Working Hours 08:00-18:00 Monday to Friday or 08:00-13:00 on Saturday and no Sunday or Public Holiday working refer to Section 3 for more details.

Section 3.2 informs that construction hours shall be between 08:00 - 13:00 Monday to Friday and 08:00 - 13:00 on Saturdays. Lighting is to be used 30 mins after sunrise and 30 mins before sunset (section 3.5).

There are exceptions where 24hours working shall be required including the p1 under track crossing works, and in circumstances that have prior approval from the local planning authority.

Permanent lighting

Section 1.3 of the Ward & Burke report commits to ensuring that Permanent lighting will comprise hooded luminaires directed away from vegetation, particularly the boundary hedgerows and treelines to avoid any light spill onto retained vegetation, and that lighting will follow good practice current at the time of detailed design. The lux level will be as low as possible to meet their purpose safely and effectively

I am satisfied that the information provided is sufficient to address any concerns regarding light impacts to residential amenity and can confirm that the condition may be discharged with respect to Environmental Health (pollution) considerations.

Matters relating to ecological and highways impacts are not within the remit of this department.

Condition 33 - Details of Works Area/Compounds

The document entitled '*Site Compound Details | Document Reference: HTR-WAB-PI-ZZ-RP-W-0018*' (dated 10/12/25) [prepared by Warde & Burke] has been reviewed and contains the following information.

The report is to discharge condition 33 for Phase 2b Pipeline Sections P1/P2 Shafts W2/W3 only.

Location of plant and compounds and other storage facilities

Section 2.1.1 provides the location of the compound - southwestern corner of the Havant playing fields, closest to Fraser Road. This is further illustrated in Appendix B: Reinstatement Plans.

Details of the external appearance of welfare, site offices, facilities including location of windows

Section 2.1.2 includes dimensions of the welfare cabins and that they shall be of neutral colour. The upper cabin windows facing towards residential properties are not to be used. A photograph of similar cabins is provided in Appendix A: Site Compound Layouts.

Details of boundary treatments and temporary and site-specific acoustic screening

Section 2.1.3 commits to installing 2.4m high boundary hoarding with mass of 10kg/m² with edges and joints between panels will be sealed to ensure full acoustic integrity. This section commits to provision of 2.4m high hoarding of 17kg/m² at boundaries facing Bidbury Infant and Junior School and St Thomas More's Catholic School and residential properties to the southwest.

Details of service and delivery times

Section 2.1.4 commits to restricting vehicle movements (excluding pre-start briefings) to between 08:00 - 18:00, and that HGVs will avoid peak hours (08:00 - 09:00 and 17:00 - 18:00), deliveries shall avoid 12:00 - 13:00. Pick off and drop off times at nearby schools are acknowledged and HGVs are not to travel to site within an hour around these times.

Details of Acoustic Screening and Plant Insulation

Section 2.1.5 confirms that hoarding shall be installed around the site boundary and commits to additional acoustic screening around tunnelling separation plant and generators. Commitment is included to provide acoustic shrouding around any plant attachments which may come into use, although none are expected.

Details of named site contact at the works location

Section 2.1.6 includes contact details for the Project Manager, Site Agent, Site Engineer and Site Foreman.

Reinstatement works along boundary and screen planting

Section 2.1.7 commits to carrying out reinstatement works in accordance with drawing included in appendix 2 once works have been completed.

Details of any generators, their operational requirements

Section 2.1.8 advises that a generator will be used to service the welfare offices during site hours and that a containerised generator shall be used for tunnelling separation plant. An auxiliary generator shall be located at the southeastern boundary of the compound that shall only be operated during working hours.

The generator powering the tunnel separation plant will run for 24 hours during the tunnelling works when completing the P1 Under Track Crossing works beneath the railway.

All generators are included in the site compound layout plans, and the plan commits to surrounding them with noise barriers.

I am satisfied that the requirements have been met and the information is sufficient for condition 33 to be discharged.

Kind regards,

Craig Milligan