

**An application for a bespoke environmental permit for an inert and excavation waste treatment facility to be operated by tarmac at bayston hill quarry, sharpstone lane, shrewsbury, SY3 0AW**

**Non-technical Summary**

- 1.1** MJCA is commissioned by Tarmac Trading Limited (Tarmac) to prepare an application for a bespoke Environmental Permit for an inert and excavation waste treatment facility to be operated by Tarmac at Bayston Hill Quarry, Sharpstone Lane, Shrewsbury, SY3 0AW (the site). The site is centred approximately at National Grid Reference (NGR) SJ 50136 09540 and covers an area measuring approximately 1.8 hectares. The waste treatment facility will be located in the north west corner of the wider Baston Hill Quarry which covers an area of approximately 65 hectares.
- 1.2** The proposed activities will be consistent generally with the activities that are authorised under Environment Agency Standard Rules SR2009No6 - inert and excavation waste transfer station with treatment, with the total quantity of waste accepted at the site less than 250,000 tonnes per annum (tpa). Initially, Tarmac proposed to apply for Standard Rules SR2009 No6, however, a pre-application Nature and Heritage Conservation Screening Report received from the Environment Agency for the proposed site location, indicated that the site does not meet the Standard Rules due to the potential for the presence of Great Crested Newts within 250m of the site. On this basis, the site requires a bespoke permit.
- 1.3** The waste types that are proposed to be accepted at the site are limited to a single waste type, 17 03 02 bituminous mixtures other than those mentioned in 17 03 01. The site will comprise a site for the receipt, storage and processing by crushing and screening of road planings and returned asphalt. Road planings and returned asphalt will be transported to the site by road and following processing will be removed from the permitted site for recovery at a suitably authorised facility (for example a roadstone coating plant).
- 1.4** This application has been prepared with reference to relevant guidance provided by the Environment Agency (EA) on the GOV.UK website and includes a Site Condition Report (SCR) prepared based on information presented in an Envirocheck Report. The SCR describes the condition of the site prior to operations commencing.
- 1.5** There are no residential receptors within 250m of the site. As shown on Figure ERA 1, a housing estate is located to the north of the site on the opposite side of the A5, just under 500m away from the site. Based on information from the Defra MAGIC website there are no National Parks, Areas of Outstanding Natural Beauty, Marine Conservation Zones, Special Protection Areas, Special Areas of Conservation or National Nature Reserves located within 2km of the site. There is one Site of Special Scientific Interest (SSSI) and one Ramsar site within 2km of the site boundary.

Bomere, Shomere and Betton Pools SSSI and Midland Meres & Mosses – Phase 1 Ramsar site are located just over 1km south of the site boundary. There are no World Heritage Sites, Scheduled Monuments or Listed Buildings within 500m of the site. The site is not located in a groundwater Source Protection Zone (SPZ) and is not located in an Air Quality Management Area (AQMA).

- 1.6** The application is supported by a qualitative Environmental Risk Assessment (ERA) for accidents, odour, noise and fugitive emissions. The ERA assesses the potential impacts to the surrounding environment from the proposed activities at the site. In the ERA it is concluded that the operation of the facility has a low or very low risk of adverse impact on the surrounding environment including sites of heritage or nature conservation interest. Based on the assessment presented in the ERA it is unnecessary to provide an odour management plan with this application.
- 1.7** A dust and emissions management plan (DEMP) is presented and identifies the operations at the site which may have the potential to have an impact on air quality as a result of emissions of particulate matter, presents the details of the operational controls which are implemented to minimise emissions and describes the monitoring which will be carried out to confirm the effectiveness of the management controls.
- 1.8** Although it is considered unlikely that the limited activities will have a significant environmental impact in respect of noise, a noise impact assessment (NIA) will be undertaken, and a noise management plan (NMP) will be prepared based on the findings of the NIA. Based on operational changes currently ongoing in the wider Bayston Hill Quarry, at the time of preparation of this application in June 2024 it was not considered to be the most suitable time to record baseline noise conditions at the site. It is proposed that a NIA will be undertaken in the autumn of 2024 and will be provided to the Environment Agency under separate cover.
- 1.9** Consistent with Condition 1.1.1 of the permit, the site will be managed in accordance with an ISO 14001 Environmental Management System (EMS) using sufficient competent persons and resources.