

Dealt with by: Environmental Health

Our Ref: SMD/2022/0006

Direct Dial: (01538) 395400

Email:

Date: 3rd February 2022

MEMORANDUM: PLANNING CONSULTATION

LOCATION	Hm Young Offenders Institute Ash Bank Road Werrington
PROPOSED DEVELOPMENT	EIA Screening Opinion

Potential Areas of Environmental Concern

1. Noise :
 - a. During construction/demolition, b. noise from plant and machinery associated with operation of a solar farm.
2. Air Quality :
 - a. Dust during demolition and construction (Condition)
3. Glare from solar farm.
4. Land Contamination (Condition)

General Comments –

The primary environmental health concerns with this development will be noise during construction phase, noise from associated plant and machinery during the operational phase and glare.

The construction impacts can be addressed through condition.

Noise issues caused by solar farms are not significant but no specific technical data is provided. We would recommend a condition be placed on any permission granted to require noise from the inverter and other associated plant do not increase background sound levels at the nearest NSR including the prison.

The solar farm should be sufficiently screened so as not to cause glare to all nearby neighbouring properties. It would be advisable that a condition is placed on the permission to ensure where there is potential for glare to impact on neighbouring properties that mitigation steps are taken in the form of screening to prevent this problem.

Advisory:

Any approved noise scheme and measurements should pay due regard to British Standard BS8233: Sound insulation and noise reduction for buildings (Code of Practice), BS4142:2014

Methods for rating and assessing industrial or commercial sound and/or the Building Regulations 2010 Document E or other appropriate guidance.