[redacted]

DRAINAGE STATEMENT

Conservation of Habitats & Species

Regulations 2017

Welsh Government Circular 0008/2018

[redacted]

Agent: Mr Trevor Mennell

September 2022

INTRODUCTION

This Drainage Statement is to be read in conjunction with the 'Statement of Case to include plans and Design and Access Statement. [redacted] The site is located over 1km from the River Dee and approximately 1km from the SAC boundary. It is just over 500m from the nearest watercourse that leads to the Dee and the site will not carry discharge water to the watercourse.

FOUL DRAINAGE

The foul drainage from the 7 pitches as detailed on Dwg.No. 823-22-15 will drain independently from each pitch to a spinal drain connecting all pitches to a Klargester Phosphate Reducing Bio-Disc treatment plant and filtration system (Appendix 2).

Percolation Tests have been carried out and calculations to substantiate the design (Appendix 3).

Reference in full has been made to Welsh Government Circular 008/2018 relative to the sewage treatment plant design, Section 2 and in particular 2. Para's a – l.

a) The Klargester Sewage Treatment Plant and soakaway system is a pre-manufactured Treatment Plant in compliance with all statute regulations and its installation will have no adverse effects on the environment.
b) The discharge to the soakaway is not within the SAC of the nearest watercourse, the River Dee. No nearby tributaries drain to the Dee and there are no records of any nearby aquifers.
c) The Klargester Treatment Plant is generally an underground system with access covers to the surface. A protective fence and gated access will be installed at its perimeter.
d) The treatment plant includes a phosphate reducing biodisc.
e) A sealed unit plant therefore n/a
f) No adjoining discharges are nearby. No adjoining discharges are nearby. No public sewers exist for connection as confirmed by Welsh Water prior to the initial planning approval.

   The underlying subsoils are classed as slowly permeable as confirmed by percolation test results attached.
g) The discharge is to a soakaway sized and designed (Appendix ….)

h) Permeable sub soil

i) No evidence of water table when percolation tests carried out

j) The site has been occupied for four years with no evidence of any flooding.

k) Ditto……

l) A service plan and log to be agreed with the supplier / installer

This will be a permanent installation with a signed regular maintenance contract with the supplier / installer.

Further details are in Appendices 4, 5 and 6.

SURFACE WATER

All hard standing areas are impervious and water will discharge naturally into the ground. Caravans are moveable and rainwater will again infiltrate naturally.

A communal dayroom building is part of the current planning approval and surface water will discharge into sustainable drainage system (SUD's) which will provide mitigating measures and minimise possible flooding and pollution. A surface water drainage attenuation tank will be located at each pitch where water can be managed and run off will be negligible.

SCHEDULE OF CONDITIONS

Wrexham Council have introduced a Schedule of 10 Conditions in the event of the appeal being allowed. A copy of which was forwarded to the Planning Inspectorate. Condition '6' requests the attached details be further forwarded to the LPA within 3 months of the date of the appeal being allowed.

This is considered acceptable which will give the opportunity to fine tune any foul or surface water drainage issues.