

Ecology response for DC/23/95004 Serenity, Heath House Lane, Southampton, SO30 0LE

Discharged of Condition 6- "Prior to first occupation of each phase of development, the drainage system shall be constructing in accordance with the Floor r (Flood?) Risk Assessment and Drainage Strategy... Written verification of completion of the approved works shall be provided by an appropriately qualified professional within 3 months of first occupation." F/19/86829 -Demolition of the existing farmhouse and associated former farm buildings, the creation of a new access onto Heath House Lane, and the erection of 123 dwellings together with internal roads, pumping station, landscaping and drainage provisions (amended scheme)

Alex Webb

3/5/23

I have reviewed the Storm Drainage, Site Inspection and Verification Report by Stuart Michael Associates (Issue 02March 2023). This consists of 4 site inspection reports in Appendices A-D between December 2021 and March 2023.

Queries/issues raised have been reported as answered and remediated in subsequent inspections. Report 4 Appendix D states that the site is preparing for first occupations however there are still ongoing issues:

*The basin outfall is yet to receive the headwall grill, and this is recommended for installation prior to occupations to prevent inadvertent access to the outfall pipe. A straw bale arrangement was also noted around the outfall, this provides a temporary additional measure and should be retained while construction is ongoing, bales need replacement.*

The straw bales are to prevent silt entering the pond and must be maintained in good condition until all construction and construction traffic which has the potential to contribute silt to this pond is completed.

*A sweeping regime is important to ensure the performance of the porous during the construction period and the open graded macadam material. The contractor was reminded of the need to adequately tape and joint the porous paving membrane once the water main works have completed to ensure that the porous (paving membrane?) maintains the installed tanking.*

The flow control device and control chamber were mentioned as in progress in inspection 2 but not confirmed as completed in inspection 3. This needs to be clarified by the inspector.

Appendix E sewer records was listed in section 3.6 but not included in the report.

I recommend an additional inspection within three months prior to discharge of this condition.

Lisa Malter

Ecologist

