

Case Study

PROJECT NAME: HAYBROOK COLLEGE

PROJECT TYPE: BREEAM REPORT

CLIENT: MCLAUGHLIN AND HARVEY

DATE: AUGUST 2013



Neo Environmental were commissioned by McLaughlin and Harvey to undertake an assessment of Haybrook College and its grounds as part of the re-development of the site. An ecological survey and noise assessment was carried out to inform the BREEAM assessment.

Neo Environmental's involvement:

- Carried out an ecological survey to inform the BREEAM assessment which involved a desk study including an assessment of the existing baseline; a field survey of the site and compiling a report and making recommendations to enhance the ecological integrity of the site.
- Undertook a post-installation noise survey and plant assessment of the installed condenser units and boiler plants, which included noise monitoring using a CEL sound level analyser; plant noise and background noise level measurements and making mitigation recommendations to reduce noise impacts.
- Assessed the development's BREEAM credit eligibility, and consulting with the BREEAM Assessor.

Project Outcomes:

- BREEAM credits were gained by identifying and protecting the site's ecological value, implementing relevant mitigation measures, and enhancing the sites ecology value post-construction through a biodiversity management plan (BMP).
- Mitigation measures were proposed in the form of a specialist Environ acoustic enclosure around the plant, achieving at least a 25 dB(A) sound reduction at the source and achieving BREEAM pol 5 criteria. This resulted in the project being acoustically BREEAM compliant.
- All work was carried out in a timely, cost-effective manner, adhering to current standard guidance to prevent any un-necessary delays to the client.