

CASE STUDY



Whitlingham SBT — May Gurney plc/Anglian Water ODOUR CONTROL SYSTEM

Odour abatement of hydrogen sulphide and ammonia extracted from covered tanks through an OSIL LavaRok® Biofilter followed by dual CuCarb® activated carbon polishing units capable of a 99% recovery of 30ppm ammonia and 100ppm hydrogen sulphide from a 12500m³/hr air stream. Final effluent water is continually sprayed over the graded LavaRok® pebbles to provide the correct environment for the inoculum. The porous nature of the LavaRok® provides large surface area for the inoculum to react with the odorous air. The CuCarb® units polish any odour not removed by the Biofilter. The benefit of CuCarb® over other carbons is the ability to continue polishing in a damp environment.

Key Programme Dates:

- Contract Award: 06/08/2010
- Contract Completion: 05/01/2011
- Overall Programme: 22 Weeks

OSIL Scope: Turnkey Design, Supply & Installation of an OSIL Biofilter and carbon polishing units including fans and instrumentation.

For more information:  01543 506855  sales@osiltd.com