



**Bio Bubble process chosen for new Hampshire Winery Waste**



A new English Winery started production in October 2010, The Wield Winery, which is located in Lower Wield, Alresford benefits from produce grown on a family owned Vineyard in the Hattingley Valley with a current vine tally of 35,000 vines. The South facing slopes with chalky bedrock at Hattingley are similar to the *Terroir* of Champagne in France. Produce from other UK vineyards are used to make red, white and sparkling wines.

Sewage from approximately 30 people working at the Winery, along with the staff at other small businesses located at Wield Yard Industrial Estate is blended with about 3.5 m<sup>3</sup> of waste from the Winery process. The population equivalent of the Bio-Bubble Treatment Plant is 260 PE organically with waste 10 fold stronger than typical domestic sewage.



To assist with the management of the treatment process the Bio-Bubble uses Hach Lange Dissolved Oxygen Probes, temperature & pH probes along with MLSS and sludge blanket probes. With the use of a Broadband communications link, the Bio-Bubble team can monitor trends during the harvesting and production periods in order to optimise the plant and enhance the performance, which further adds to the comfort of the Winery owners is that they have a process partner to assist with the management of the processing of their waste and meeting their obligations under the Environmental Permit granted by the Environment Agency.