

Project Data Sheet

PROJECT

**Sewerage Treatment Works
Condition & Maintenance
Specification**

CLIENT

**Wessex Housing
Partnership
(now Sovereign
Housing)**

- Sewerage
- Rivers
- Coastal
- SUDS
- Land Drainage
- Hydraulic Modelling
- Flood Risk Assessments
- Drainage Area Planning
- Asset Management
- Flood Alleviation
- Flooding Investigations
- Feasibility Study
- Drainage Design
- Environmental Aspects
- Inundation Modelling
- Surface Water Management



Wessex Housing Partnership own and maintain a number of housing developments in Hampshire and the New Forest under the management of Hampshire Voluntary Housing Society (HVHS). Many of these housing developments are served by private sewage treatment facilities or pumping stations which pump into the nearby public sewer networks.

Richard Allitt Associates were commissioned to undertake a review of 28 sewage treatment facilities operated by HVHS. The types of sewage facilities were a mixture of cesspits, septic tanks, pumping stations and package treatment plants.

The aim of the study was to undertake site visits to each facility to ascertain its current operational condition, to provide a list of works required to bring the plant up to standard and produce a specification for ongoing servicing and maintenance.

As part of site visits to the Sewage Treatment Plants RAA sampled the effluent and carried out tests for BOD level, Ammonia level and suspended solids to identify if the plants were achieving the required standards set by either the Environment Agency or the Royal Commission.

As a follow on to this work RAA have been retained to carry out quarterly visits to all sewage treatment plants to monitor the maintenance programme and continue sampling.



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