

## Project Profile - Utilities

### PROJECT

Gunters Reservoir, Saffron Walden

### SUMMARY

Repair and protection of 2,000m<sup>2</sup> concrete surface suffering from soft water attack

### PRODUCTS

**Monolevel 844SP**  
**Cementitious Coating 851**

### CLIENT

Three Valleys Water plc

### CONTRACTOR

Stonbury Limited

### BACKGROUND ►

Serving 3 million customers in the heart of Britain, Three Valleys Water has been supplying water for more than 130 years and is committed to delivering a high quality water service to all its customers.

Aggregate in the cement matrix was exposed on the surface of the square concrete columns and bases as a result of contact with softened water over the years.

### THE SOLUTION ►

The preparation of the walls, floor, columns and bases had resulted in many surface defects and cavities and these were filled and the substrate consolidated by using **Monolevel 844SP**, an engineering quality render, resulting in a superb mechanical key for **Cementitious Coating 851** as the final waterproofing layer. **851** was spray applied to both the walls and floor area, providing effective concrete cover as well as chemical resistance to softened water. All these products have passed the exacting demands to gain approval by the Secretary of State for use in contact with potable water.



FM 41091  
EMS 597350  
OHS 597351

Quality  
Environmental  
Health & Safety

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