

South West Water Case Study

Using Foamstream as an all-round solution to solve weed, moss and algae issues on waste-water filter beds in a timely and cost-effective manner.

Background

South West Water provide reliable, efficient and high-quality drinking water and waste water services throughout Cornwall and Devon. They offer some of the finest bathing waters in Europe, picturesque scenery and clean rivers with stunning wildlife. South West Water's use of filter beds is vital to their method of the biological sewage treatment process.

Testimonial

“*Foamstream ticks so many boxes for us. Everything from the environmentally friendly credentials and improving health and safety for our workforce through to cost and time savings by reducing the number of treatment cycles needed and the efficiency of application.*”
Lewis Jones, Future Quality Obligations & R&D Manager, South West Water.

Problem

1. Filter beds overgrow with moss if left untreated or are dealt with poorly, leading to decreased performance from the percolating filter beds.
2. Traditional herbicides are not an effective option when cleaning the filter beds.
3. Needed a solution to ensure a longer lifespan for their assets and better long-term functionality.

Action

South West Water decided they needed a product that could allow them to become more effective when dealing with buildup of moss and fungi in their filter beds, and chose to implement Foamstream for a six month trial on their site in Chacewater, WTW, Cornwall.

Results and Conclusion

Moss damages the biological percolator of the filter bed, however Foamstream quickly eradicates all of the unwanted vegetation restricting the percolator's movement, improving the effectiveness of the filtration process.

Using Foamstream, South West Water were able to see immediate effect on the filter beds, aesthetically and functionally. As well as this, Foamstream provided health and safety and environmental perks for South West Water, as the

labour force were no longer made to use products with harmful, hazardous contents and treatment of walk ways around the site meant they could reduce slip and trip hazards.

Before



After



Before



After

