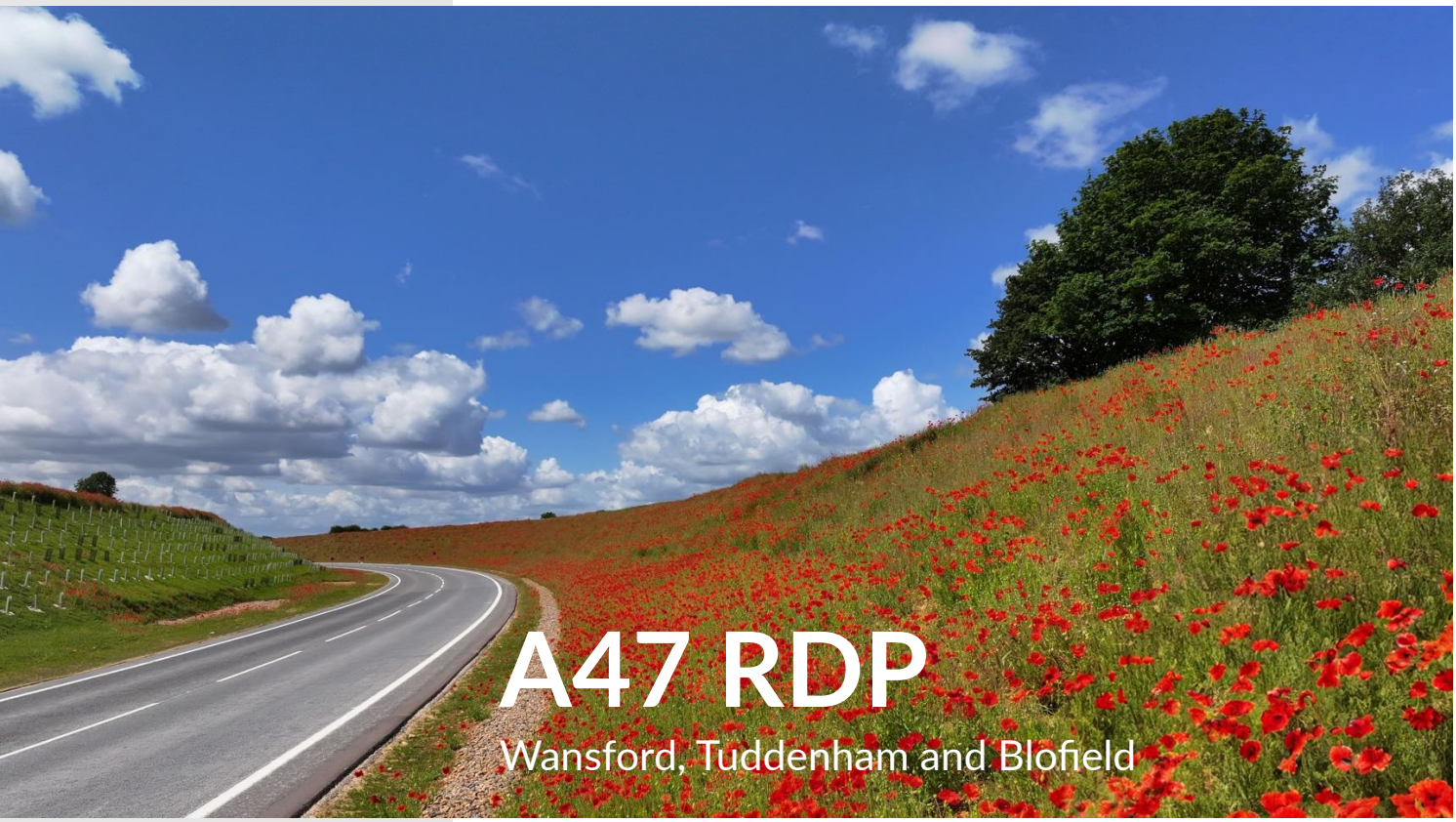

A47 RDP

Wansford, Tuddenham and Blofield

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Case Study Type:
Good practice, innovation, pollution prevention

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Key Facts
Green Rhino are a company who provide innovative spill control and sediment filtration solutions for the construction sector.

Situation

"Run-off" from roads which contains pollutants such as oil and silt are responsible for huge numbers of watercourse contamination incidents in the UK, threatening water sources crucial for the survival of wildlife.

Watercourse pollution is a reoccurring issue on our construction sites. Many of these incidents could be avoided if the correct planning and mitigation were implemented before the start of works. Watercourse pollution can cause irreversible damage to habitats and could potentially lead to fines or prosecution from the Environment Agency. This could damage Galliford Try's reputation as a considerate constructor.

Task

- To explore cost effective and sustainable methods of managing pollution prevention across our sites.
- Getting value for money for the products which we procure, that will last the duration of the construction schemes.
- Reduce the number of near misses and incidents related to pollution prevention on all Galliford Try sites.

Action

The A47 Environment Team made contact with Green Rhino in January 2024 and have formed a great partnership.

Since then, Green Rhino have presented their products to the wider business unit at Galliford Try via Teams, and have visited the A47 Blofield and Tuddenham site to carry out a practical demonstration of the products.

Result

Green Rhino's representative, Adam Leyton, attended the monthly Feedback Friday session for the A47 Blofield scheme and showcased several pollution prevention products. His demonstration of the unique polymer technology attracted the attention of the workforce, subcontractors and GT senior leadership team, who are eager to use the products on site. The demonstration included the Enviropad spill mat, oil retention booms, hydrocarbon detection strips and oil and sediment drain filters.

Adam also visited the A47 Tuddenham site office to show the team the Green Rhino products. There were some great discussions around the products, and the team were engaged and enthusiastic. We hope to see these products being used across all of the A47 schemes once construction starts.

Key Benefits

Green Rhino has pioneered the use of smart polymers in pollution prevention. Smart polymers have a unique property, they transform liquid hydrocarbons into a non-hazardous solid. This enables pollutants like oil and fuel to be neutralised. Their flagship product, the Enviropad spill mat, uses a blend of polymers to contain and solidify pollutants which can be disposed of easily.

- Green Rhino have a range of products which are considered best practice within the construction industry.
- Products are reusable and have a smart detection strip to show when they are full and need to be replaced.
- Products capture pollutants and release clean water, therefore reducing the volume of waste water generated.
- They help to avoid fines, prosecutions and incident clean-up costs.
- Filtrations products are cost-effective in comparison to vacuum tankers or settlement tanks.
- Products can be procured through the Galliford Try catalogue.

If you wish to find out more, please contact:

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