



# the River Restoration Centre

Working to restore and enhance our rivers

## Technical Advice

### Thrift Farm, Buckinghamshire

*Identification of opportunities at Thrift Farm, Buckinghamshire to reduce flooding and bank erosion*

#### KEY INFO

**Date:** May 2017

**Clients:** Buckinghamshire County Council & Thrift Farm

**Type:** Opportunity assessment

**Themes:** Soft bank protection, coir rolls



Thrift Farm raised concerns to Buckinghamshire County Council about flooding and the deterioration of the aesthetics of the small stream that runs through the farm. The small stream a tributary of Loughton Brook in the Upper and Bedford Ouse Catchment. The look of the stream is important as Thrift Farm is a local leisure attraction. The Council contacted the River Restoration Centre to provide advice on how the flood risk can be alleviated and the stream within Thrift Farm improved.

The channel was in poor physical condition because animals use it as a water source. RRC suggested solutions which would stabilise the banks whilst continuing to allow access for the animals (which the farm requires) with the use of coir rolls, gravel and ramps down to the water.

Suggestions have also been made on how Thrift Farm can reduce the impact of sudden high flows generated by overland flow in the immediate catchment, by installing bunds to intercept and slow this overland flow in adjacent fields.

