

Environmental

Redcar | Flood Defense Wall Scheme



Sustainable Foundations for Environmental Structures

Client: Environment Agency (on behalf of Redcar & Cleveland Borough Council)

- Birse were awarded a £21M contract to reduce the flood risk to 1000 properties.
- The flood defences stretch for 2.7km reducing erosion & flood risk for at least 50 years.
- Installed section by section to reduce disruption to residents and visitors, 132 helical piles were installed across 3 zones in just 5 weeks;
- Zone 1 = 59 piles @ 11.5m long; Zone 2 = 63 piles @ 10.5m long; Zone 3 = 10 piles @ 9m long.



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THE PROVEN LEADERS IN HELICAL PILE FOUNDATIONS