

BENCHMARK PROJECT MANAGEMENT (UK) LTD – CASE STUDY

Title

Installation of Full Retention Separator at DFG Westmoors

General Scope:

Foam fill & decommission unsuitable interceptor and Install a new 45,000 Litre Class 1 Conder Separator including all associated drainage furniture, outfall and temporary works.

Work included:

- Construct temporary culvert for access purposes
- Install temporary roadway around proposed cofferdam
- Installation of cofferdam, using steel sheet piles & bracing system
- Area of work within SSSI so excavate soil in layers and ensure deposition in separate stockpiles for re-use later in the project
- Supply & install 45,000ltr Full Retention Separator with fully planned crane lifts
- Install new drains including construction of outfall with concrete spillway
- Installation of new PCC manholes including shut off valves
- Install vent pipes & new solar alarm to separator
- Decommission the existing unsuitable interceptor by cleaning out and foam filling
- Transport stockpiled soil back to source, level, grade and shape around new separator, in the original excavated layers

Dates:

September 2017 – October 2017 (10 Week Programme)

Client:

CarillionAmey

Value:

£225,000

Innovation:

- Adaption of on-site level control and consequent design modifications due to level of existing drainage and outfalls.



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