

Kent Catchment Flood Risk Management Scheme

Stock Beck - Ground Investigation Works



As part of the Kent Catchment Flood Risk Management Scheme we will be undertaking Ground Investigation (GI) works to inform our detailed design of the proposed **Stock Beck Catchment Drain**. To give you advance notice, GI work in the fields around Stock Beck will commence from Monday 28th June 2021, until mid-September. These GI surveys are being undertaken by a specialist contractor, fully qualified and experienced in undertaking ground investigation works.

Ground Investigation Surveys

To inform our detailed design of the scheme, we need to build our understanding of the ground conditions and underground features by undertaking a number of **Ground Investigation (GI) surveys**, ranging from hand dug trial pitting to the use of drilling rigs for both shallow and deep boreholes.

This will help determine:-

- the water table level and water flow;
- the nature of faults, fissures and voids underground;
- ground layer thicknesses and soil properties;
- detailed information about soil and ground samples.

GI surveys are being undertaken in a number of locations throughout the scheme area by a team of surveyors that are fully qualified and experienced at carrying out this work.

For more information on what you will see please turn over ...



Hand dug trial pit



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What will we see?

Sometimes this work can appear more intensive in its nature – people may notice things like welfare cabins, large machinery and/or track mats where we will enter sensitive land we want to protect, for example farmers fields.

In some locations you may see small installations left above ground which allow a surveyor to attend for monitoring seasonal changes in groundwater movement over a period of time.

Once the GI surveys are completed, the pits or boreholes are backfilled and reinstated on a like-for-like basis, based on the original ground surfacing.

Ground investigations are extremely important - they help minimise risk by better understanding potential geohazards that can be addressed early during the design phase, that may otherwise cause delays and additional cost during construction.



Sonic drilling rig



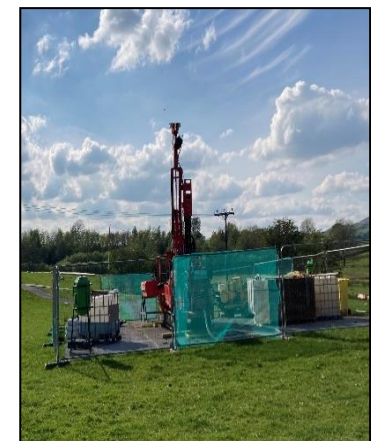
Window sample rig



Ground protection mats



Monitoring equipment, land prior to reinstatement



Typical GI survey working area

Contact us

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Email KendalFRMS@environment-agency.gov.uk



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