DR. SPANG
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DEVELOPER
Saxony Dam and Reservoir Authority

PROJECT
Glashütte flood retention basin
- Expansion of flood retention basin I, lot 6 - Glashütte
- Erection of embankment structure and sealing with a clay apron

OUR SERVICES
- External monitoring of infill material used in the embankment
- Verification of the soil mechanical key ratios
- Monitoring of infill densities
- Assessment of the infill technology
- Technical evaluation of the self-monitoring inspections carried out
- Analysis of the suitability of the supplied material (suitability analysis)
- Support for density determination using the water replacement method as a rough test with diameter 1.0 m and depth 0.8 m
- Sampling of the material (grain size up to 300 mm edge length) from the trial pit, separation of the grain sizes greater than 63 mm with manual screening on site, determination of the proportion of material with a grain size greater than 63 mm
- Extraction of sample material (grain size up to 300 mm edge length) less than 63 mm for laboratory determination of the grading curve, water content and Proctor density