



Case Study Category: SUE

Case Study Title: Application of Frequency Domain EM for Construction of a Power Plant in Martin Lake Texas

Utility Name: Martin Lake, TX

Case Study Abstract: SUE is an engineering process used to identify and map underground utilities and structures as well as assign a quality level to data. There are different geophysical techniques available to acquire data regarding the two-dimensional location of underground utilities. It is important for designers or engineers to be familiar with various geophysical methods for successful designations of underground utilities. GPR and EM technologies are two predominant technologies that are used in designating and locating the underground utilities. This case study investigated application of frequency domain EM to locate the underground utilities in construction of a new power plant in Martin Lake Texas.

Case Study Link: <http://waterid.org/content/application-frequency-domain-em-construction-power-plant-martin-lake-texas>