

Client:

Envirologic Technologies

Project:

Envirologic Technologies is a regional environmental consulting firm with major municipal, commercial and industrial clients. An entity, contemplating the purchase of a parcel of land where at one time a gas station had existed, retained Envirologic to conduct an environmental site assessment. Envirologic needed to know if underground fuel tanks were still present or had been removed from the site.

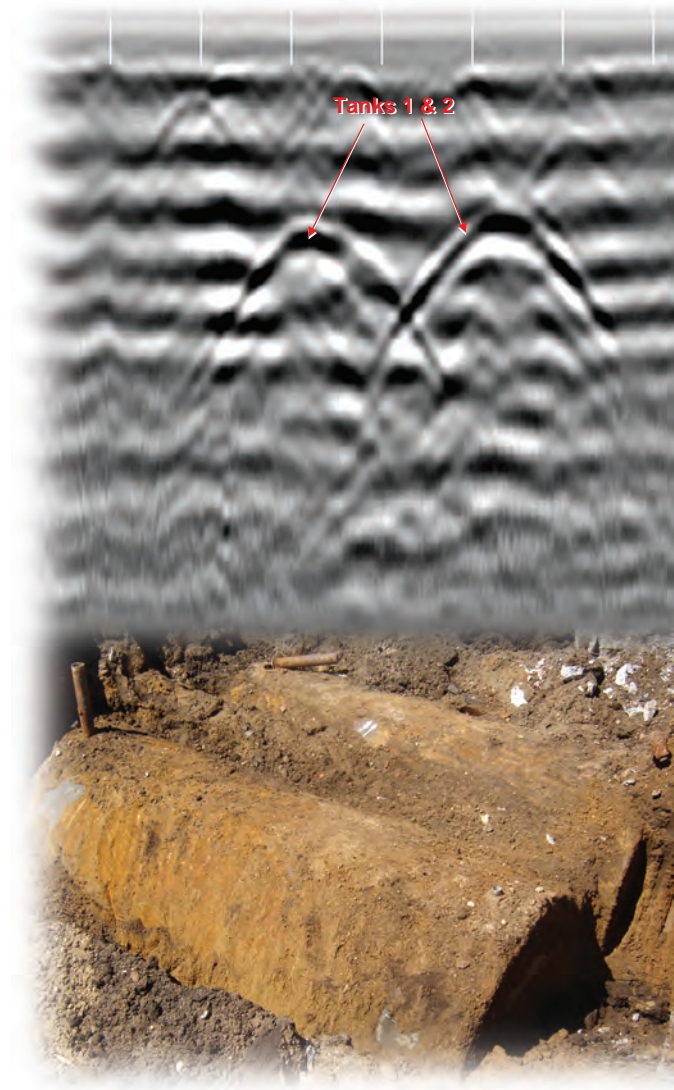
Plan:

Diamond's detailed plan included the surveying of the entire site—if tanks were to be found, their location would carefully mapped. By noninvasively mapping the presence of tanks prior to soil testing and excavation, the damage associated with tank rupture or hydrocarbon contamination of the ground and ground water can be greatly reduced.

Process:

A Diamond engineer surveyed the entire 60,000 square foot parcel in a grid pattern using a 400 mHz antenna designed to clearly identify underground objects such as storage tanks. By noninvasively mapping the presence of tanks or other underground objects, the client was able to greatly reduce risk and expense associated with discovery during excavation or soil boring.

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Outcomes:

After five hours of scanning, three underground storage tanks were located. This allowed Envirologic engineers to test soil surrounding the tanks for contaminants—finding none, the tanks were safely removed. “We at Envirologic regularly use the services of Diamond on sensitive jobs like this one,” said David Stegink, project manager for the company. “Their professional knowhow, equipment and trained staff are some of the reasons we will continue to use them in the future.”

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