



LOCATING UNDERGROUND OIL TANKS

GeoScan utilizes GPR (Ground Penetrating Radar), as well as other Non-Destructive Techniques to successfully locate or clear your property of Underground Oil Storage Tanks.

GPR is the best technology available for inspecting Underground Oil Storage Tanks as it provides the technician with an actual image of objects that exist below the surface of the ground.

GPR is also mostly unaffected by rebar in concrete pads and can therefore be used to scan all areas of your property.

Project Example:

The prospective buyers of a home requested an oil tank locate to be performed as they would not be able to obtain insurance for the home unless it had been verified that an oil tank did not exist on the property. The current owners were suspicious that an oil tank could exist on the property due to visual evidence that included supply lines and a suspicious looking cap.



Solution:

GeoScan was called in to perform an oil tank locate using Ground Penetrating Radar and a Ferromagnetic Locating methods. A tank was discovered and its location, position, and depth were marked out by a technician. The owners were then referred to a local tank removal company. The tank was successfully removed and the buyers were able to get the insurance they needed.



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LOCATING UNDERGROUND OIL TANKS FAQ

What are Underground Oil Storage Tanks?

Underground Oil Storage Tanks were commonly used to heat houses prior to the 1970's. If your house was built prior to this time and you did not receive any information from the previous owners regarding the presence of an Underground Oil Storage Tank, then you should have your property scanned.

Where would I expect to find an oil tank on my property?

Oil tanks are approximately 6 feet in length and 3 feet wide. They are usually found within 2-3 meters from the house and 3 feet below the surface of the ground. Keep in mind that if your house underwent any renovations (additions), then an oil tank may exist beneath your addition not your house.

How do I know if an oil tank exists on my property?

There are many visual signs that may indicate the presence of an underground oil storage tank on your property. The presence of vent pipes and fill pipes are big giveaways that there may be an accompanying oil tank nearby. Cut off supply lines in the basement are also signs of an oil tank.

Why would a property owner want their oil tank removed?

- Due diligence.
- To increase property value .
- To prevent additional costs that may arise in the future after the sale of the house.
- To satisfy the requirements of your local government, bank, or insurance company.

What happens if a tank is found?

If a tank is found on your property it can be removed by a tank removal company. They will obtain a permit if one is required in your municipality. They will then arrange for a pump truck to remove the contents of the tank if it is not empty. After removing the tank, the soil will be examined for contamination and an Environmental Consultant may be required.

If the soil is not contaminated, the tank removal company will backfill the void and may even seed the soil for you. You will then receive a report from the tank removal company stating that an Underground Oil Storage Tank was removed from your property. A copy of the report will also be sent to your municipality.

What happens if a tank is not found?

If a tank is not found then you will be given a report stating that your property was scanned using Ground Penetrating Radar and that NO Underground Oil Storage Tanks were found on the property surveyed.