

The Process of Moving Soil with Pressurized Water

Hydro-Excavation is not only a great alternative for many applications, but is proven to be the safest method anytime there are underground utilities. This non-invasive means of exposing underground infrastructures uses a combination of water and vacuum and can be up to five times faster than traditional means of excavation. This makes Hydro-Excavation more cost effective than conventional methods. Precise holes, trenches and other openings are quickly excavated to their specified dimensions.



The key benefits
of hydro-excitation
are improved safety
and damage prevention.

Hydro-excitation can
virtually eliminate the unknown
and with that the unintended
consequences from
drilling, trenching
or excavation.



**WEST
EXCAVATING**

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Hydro- Excavation



Introducing
a safe, cost-effective,
non-destructive
and more accurate way
to excavate soil
and locate
underground utilities.



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Hydro-Excavation

A Faster and More Accurate
method of Excavation

Hydro-Excavation is a non-destructive process which combines pressurized water with a high flow of moving air to simultaneously excavate and evacuate soil at a controlled rate. Basically, this system cuts through the soil and breaks it up. The soil and water slurry are transmitted by a vacuum to a debris tank. This process allows for a quick, clean and precise excavation requiring less backfill, less restoration and less environmental impact than conventional digging methods.



Using Hydro-Excavation

avoids damage to underground pipes, lines and cables and the expenses that come along with causing damage to these underground infrastructures. The costs associated with damage to underground utilities can be enormous. Consider the cost of underground utility repair, downtime, repair of equipment and medical costs from workers being injured added to insurance rate increases or refusal, litigation and environmental clean-up.



Hydro-Excavation is the safest, most efficient method of exposing underground utilities.

Hydro-Excavation

is a viable option.

- Line location, installation and repair for utilities and pipelines
- Telecommunications maintenance and repair
- Slot trenching
- Waterline maintenance and repair
- Potholing for directional drilling
- Sign and pole installation
- Landscaping
- Repair work or excavation in tight spaces or congested areas
- Six cubic yard debris tank
- 3,000 PSI water jet



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