

Versatile Solutions: Hydro or Air

## HYDRO EXCAVATION



## AIR EXCAVATION



Our cutting-edge equipment offers customers the flexibility of Hydro or Air vacuum excavation. This dual capability allows us to utilize the optimal approach for site specific requirements. Hydrovac technology is more efficient providing a high level of productivity for most excavations, however air vacuum excavation is the “go-to” solution for sites requiring the immediate re-use of dry excavated materials. Clearsite can deliver both from the same piece of equipment.

Clearsite delivers safe, effective and highly-efficient vacuum excavation services that provide our customers with the confidence they need to advance their projects. Our experience spans a wide range of industries including:



Commercial  
Construction



Industrial



Nuclear



Oil & Gas



Rail



Utilities



Water & Sewer

**Clearsite**

VACUUM EXCAVATION SERVICES

*Advance Confidently™*

For more information about Clearsite services, call  
**833-SAFE-VAC**

Speak with a Clearsite professional, get a clear estimate  
and advance your project with confidence today!

**Clearsite**

VACUUM EXCAVATION SERVICES

*Advance Confidently™*



**We complete our job  
efficiently, so you can  
advance yours safely**

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**clearsiteind.com**





## VACUUM EXCAVATION SERVICES

### Advance Confidently

At Clearsite, we recognize that we need to complete our job safely and efficiently in order for you to advance yours. That understanding is what makes us a valued partner to our customers. Our experienced people, hi-tech equipment, and focus on safety is absolute and so is our commitment to you.

OUR VACUUM EXCAVATION SERVICES use high-pressure water, or compressed air, and vacuum suction to safely break-up and remove soil. For sensitive or difficult to access sites, our equipment's Remote Access capability can extend up to 600' into a job site minimizing surface disruption and site restoration. Vacuum excavation is the safest and most effective method for a large number of applications, including:

#### ■ Utility Locates

Vacuum excavation is used to safely expose existing underground infrastructure prior to advancing a project. Determining the presence or absence of utilities dramatically reduce risks and increase productivity.

#### ■ Potholing

Potholing, or daylighting, is a technique used to expose the specific locations of underground infrastructure. Working in coordination with our customers, we significantly increase daily production and safely.

#### ■ Slot Trenching/Tunneling

One of the most common uses of vacuum excavation, Slot Trenching safely cuts narrow trenches of various dimensions very accurately – typically 6" to 2 ft. wide by 8 ft. deep. It is particularly well suited for underground utility installations or around building foundations.

#### ■ Fault Repair Pits

Restoring service safely and quickly without further damage to underground utilities is the primary benefit to using vacuum excavation technology for Fault Repair.

#### ■ Water Main Breaks

For Water Main Breaks, time is of the essence. Vacuum excavation enables the safe removal of soil and debris, so workers gain access to the damaged area and can resolve the break quickly. Conventional methods, such as backhoes, can damage underground utilities.

#### ■ Pole & Piling Holes

Vacuum excavation can be used for the safe and rapid digging of multiple holes for poles and pilings. The equipment's precise soil removing capability allows the development of holes to an exact shape and specified depth requiring far less backfill or clean up.

#### ■ Service Pits

If you work in the gas, electric, water or telecom industry, you know the value of safe and efficient Service Repair Pit excavation. With the speed and efficiency of vacuum excavation, customers experience measurable increases in daily production.

#### ■ Anode Installation

Anode Installation, or replacement, is a common practice designed to protect and extend the life of underground pipe systems. Vacuum excavation is a precise and cost-effective way to access corroded anodes and facilitate the installation of new anode pads.

#### ■ Gas Service Installations

Our customers value the safety and efficiency of vacuum excavation for Gas Service installations. Due to the extraordinary accuracy and control we expose only the affected area while protecting the outer infrastructure.

#### ■ Subsurface Utility Engineering

The use of vacuum excavation for Subsurface Utility Engineering (SUE) has become an ongoing requirement for highway projects in many states. This service provides civil engineers and consultants with a reliable method to safely obtain accurate underground utility information. This results in higher levels of efficiency for major infrastructure projects.

#### ■ Water Meter Pits

The key to success in excavating Water Meter Pits is the perfect trench width. As compared to other processes, vacuum excavation provides outstanding control reducing backfill volume and cost.

#### ■ Fiber Optic Trenching

Considering the fragile nature of fiber optics, vacuum excavation trenching is a safe and reliable method. Installation of the fiber optics is not typically a hard task, but problems can occur when electric cables, gas or oil pipelines crisscross. This tangle of underground utilities create challenges for installation.

#### ■ Underpinning Excavations

Underpinning is a process used to shore-up or level structures through the use of steel pipe or concrete being set under structural foundations. In order to create subsurface work areas, vacuum excavation processes are used to clear the soil for worker access.