

In order to execute our list of unique services and access some of the most remote locations, we own, maintain, and operate an arsenal of specialty equipment. Our clients depend on Alpha Leak Detection and Pipeline Services to quickly access and complete their projects with the safest, proper equipment for each individual project.

Our list of specialty equipment includes:

Hydro-test and Fill Pumps

(Available for Rent)



Trailer-mounted fill and hydrotest pumps with capacities up to 2400 GPM and pressures up 3,000 PSI. We also have the corresponding accessories such as high-pressure hoses, flowmeters, deadweights, and chart recorders for test execution.

- 70 HP Diesel 2-Stage Pump, 4" x 3" with flowmeter
Maximum Flow Rate (open-ended) – 750 GPM
Maximum Pressure (at pack-out) - 225 PSI
This pump is well suited for smaller line fills and underwater jetting. (Pump is well muffled with halogen spreader lights for nighttime use.)



- 230 HP Diesel 4-Stage Pump, 4" x 4" with flowmeter
Maximum Flow Rate (open-ended) – 900 GPM
Maximum Pressure (at pack-out) – 425 PSI



- 318 HP Diesel 1-Stage Pump, 8" x 6" with flowmeter
Maximum Flow Rate – 2800 GPM
Maximum Pressure (at pack-out) – 125 PSI

- 450 HP Diesel 4-Stage Pump, 6" x 6" with flowmeter
Maximum Flow Rate – 1200 GPM
Maximum Pressure (at pack-out) – 800 PSI



Shallow draft barges up to 32 feet long to assist in the transport of personnel and equipment across waterways and through swampy areas.





Our amphibious airboats and arsenal of motorboats allow our crews to access the most remote pipeline locations. This equipment allows us to set AGMs and track pigs in swamps and other bodies of water.



Vacuum Excavation Rig



The Alpha Vacuum Excavation Process utilizes high pressure air to remove soil up to 12' deep in a safe and efficient manner around your pipelines. This system allows us to access finite locations on the pipeline without large excavation equipment and, in some cases, without the need for a one-call.

This system has also proven to be extremely useful in crowded ROWs where the standard excavation procedure would lead to damage of other pipelines. Using the air lance and our custom tools makes the installation of CP test leads to an existing pipeline easy.



Alpha has a wide assortment of all terrain vehicles including 4- and 6-wheel drive ATV's. These vehicles are essential to help us access remote locations for pig-tracking, setting AGMs, cathodic protection maintenance and many of our other services.

Our 4-wheel drive tractors with front-end loaders, bush hogs, flail mowers, extend-a-saws, chainsaws and OQ qualified crews can turn the most overgrown pipeline ROWs into an accurate identifiable path.



Contact our sales representatives for a list of our rates.