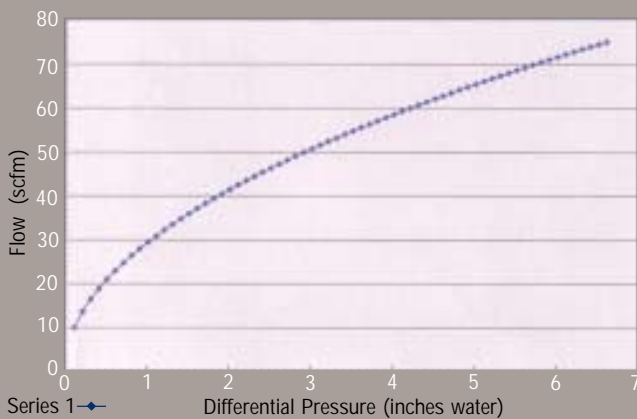


High Vacuum Extraction



Flow Chart- HVE Annubar Values



Whether you call it dual or multi-phase extraction, aggressive fluid/product recovery or high vacuum extraction, experienced Hydro-Klean personnel and late model equipment will exceed your expectations. High vacuum extraction (HVE) removes absorbed and dissolved phase petroleum and free product from groundwater monitoring wells at leaking underground storage tank sites. HVE can be very beneficial when intermittent free product is present, where contamination exists in underground storage tank pits, and in areas of product piping and dispensers. Our mobile HVE setup is great for pilot test studies and can be an alternative to costly, permanent remediation systems.

High Vacuum Extraction



Hydro-Klean's type of liquid vacuum truck (LVT) is equipped to generate 27" Hg vacuum to collect water, product and vapor from wells ranging in size from 2" through larger diameter recovery wells. Hydro-Klean has developed a manifold system to connect to several groundwater-monitoring wells at one time, which maximizes the information that can be collected during pilot tests. The adaptable system with quick connect fittings facilitates the collection of vacuum and flow data as well as vapor samples. Through advanced planning, we can schedule HVE events during off hours to avoid the busiest and most congested times at active sites.

We transport all waste collected during HVE to our own Industrial Wastewater Pretreatment Facility for disposal. The treatment process removes suspended solids and petroleum hydrocarbons from the waste stream so that it can be discharged to the sanitary sewer. Our facility eliminates costly transportation expenses and improves risk management for the customer, making HVE with Hydro-Klean truly a one-call operation.

