PRM SOIL VAPOR EXTRACTION

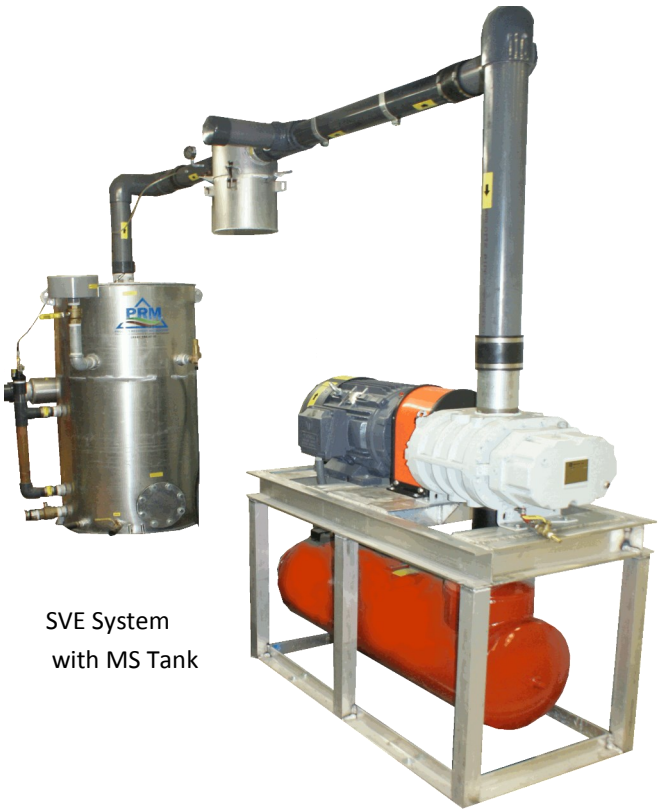
Soil Vapor Extraction (SVE) reduces concentrations of volatile constituents adsorbed to soils above the water table by applying a vacuum through wells near the source of the contamination. The contaminated vapors are drawn toward the extraction wells and are treated and removed. Often SVE systems are used with Air Sparging, which causes the contaminates to evaporate faster, making them easier to extract.

PRM has manufactured Soil Vapor Extraction (SVE) systems for over 29 years.

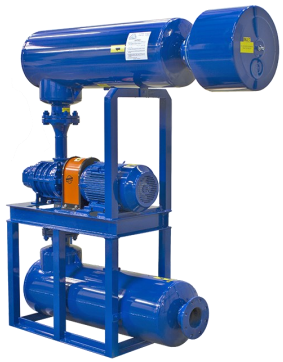
There are a number of blower types or vacuum pumps which can be used in SVE systems depending on air flow rate, vacuum, pressure, and other design considerations. PRM manufactures SVE systems using regenerative, rotary lobe, or positive displacement blowers or with a liquid ring pump. Regenerative blowers are typically used for low to moderate flow rates or vacuum/pressure requirements. PD blowers are more commonly used for higher flow or vacuum/pressure requirements. Each system is designed for your specific project requirements. Please consult with the PRM design team to assist you in choosing the appropriate blower or pump for your project.

SVE System Features:

- Blower and Motor
- PRM Moisture Separator
- Particulate Inlet Filter, Auto Dilution
- Variable Frequency Drives
- Fully Automated—One Touch Start-Up & Shut Down
- Nema IV Industrial Control Panel, UL Listed and Third Party Certified



SVE System with MS Tank



Positive Displacement Blower Package with Silencers

** Options and Services **

- Full SCADA Telemetry Package including Web Based Browser Interface
- Temperature Monitoring
- Carbon Filtration
- Built on a skid, trailer, or container customized to your requirements

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