



April 26, 2018

Attention: City of Lake Forest Park Planning Review

Re: Christy Brown
17856 28th Ave NE
Lake Forest Park, WA

There will be 3 bores 200' deep 15' apart from each bore there are 2 lines, one supply and one return of 3/4" HDPE plastic pipe.

Each bore pair will be routed to a manifold that is buried where the 3 pair of lines intersect. From the manifold, there will be a pair of 1-1/4" HDPE pipes routed to the foundation and through the structure to the mechanical room to serve the heat pump. Total trench length is 45' x 1' wide x 3' deep. All work will be installed inside the silt fence area. All dirt removed will be reinstalled in the trenches with no left over spoils left on site. Any dirt coming out the trenches will be covered with Visqueen plastic if the weather dictates a need to protect the dirt from rain.

Each 200' bore is 6" in diameter. Each bore will create approximately 1-1/2 cubic yards of "tailings". The tailings along with any fluids created during the drilling process will be contained in an above ground 1000 gallon plastic tank and evacuated from site utilizing a professional licensed evac truck service. The trenching work will be performed using a mini-track hoe machine. All drilling products are NSF rated and along with the Bentonite are approved by the WA Dept. of Ecology.

The duration of work is expected to be approximately 5 days and will be performed between the hours of 8am – 4pm M-F.

Sincerely,

Gerard Maloney, President
EarthHeat, Inc.
Direct line: 206-391-6360