

# INSIDE

## Soil Borings

Our track and truck rigs require 10 ft-2-inch height clearance for drilling, while our Hand Cart requires 8 ft-1-inch height clearance. For more size information, refer to our summary table of rig sizes.

How many inside soil borings and anticipated depths of each?

To determine if Concrete Coring: Is thickness of concrete greater than 8-inches or is a cleaner cut finish needed due to aesthetic reasons? If yes, how many locations require cc coring?

Note: Geoprobe rock bit is included with rig, and is typically used with concrete thicknesses 8- inches or less.

Is the building vacant?

Do we need to use exhaust mitigation, or can we open doors and windows to cross ventilate?

If we need to ventilate, what is the farthest distance from the drilling locations to exterior door or window?

What is the ceiling height where the locations are to be drilled?

What is the height of the access door to the building?

Is there electric and water available on site?

## Temp Wells

Temp wells needed? (yes/no – Indicate how many of the above soil borings will be converted to temp wells, and Indicate if ¾-inch diameter is acceptable, or if you need 1-inch diameter)

Note: We typically use ¾-inch diameter PVC, 10 feet of 10 slot screen and to surface. 1-inch diameter PVC is available at a higher cost. .

Are we collecting gw samples or leaving temp wells in ground for you to collect gw at a later date?

Are we supplying the peristaltic pump & tubing to sample the temp wells?

Do you require sand and bentonite for your temporary well or a Gripper plug at the top?

## Soil Vapor

Temporary SV Samples

Are we doing sub slab, or at depth? If at depth, what is anticipated depth? How many of each?

Will these be soil vapor implants installed in a borehole we create, with sand and granular bentonite? Or to be installed using Post Tun Tubing (PRT) method?

If you require a specific type of tubing (nyla-flow, Teflon-lined) or implant, list the requirements here:

Are you bringing the summa cannister?

Do you want us to perform a helium leak check?

Note: We bring party grade helium, and a helium shroud, and rely on the consultant to bring a helium detector.

Are any Soil Vapor implants going to become permanent with flush mount manholes? If so, indicate number of manholes required.

## Permanent Wells

Permanent Monitoring Wells Required? (If yes, how many\_\_\_\_)

Diameter & type of well needed – Choose from the well sizing options and additional considerations listed below:

Traditional 2-Inch diameter well installed with 4.25" ID Hollow Stem Augers?

Prepack Wells installed via DPT tooling (¾", 1.0" or 1.5" diameter)

PVC installed with DPT tooling, sand, granular bentonite to surface (¾" or 1" diameter)

Will these well have flush mounts or pro-cover risers?

If Pro-cover risers, do they require protective bollards?

If Protective Bollards required, how many per location?

Can we saw cut the openings for the flush mounts or do we need to concrete core them due to dust and station operations such that coring would be best?

Will consultant or DPA develop the wells?

If DPA develops the wells, what is the well development protocol and is a multi-meter required?

Do we need to supply the multi meter or is consultant supplying it?

Is the consultant preparing the Soil Boring logs and Monitoring well logs? Or will DPA prepare? IF DPA, are we submitting to Consultant or submit to Agency or are we submitting directly to Agency and copying consultant?

Is there a water source with garden hose hook up available for hot water pressure washer decon?

Can we sample/ drill these locations in an order from least contaminated to most contaminated and perform (1) final decon at the end of the day/ job or do we need to decon between each location?

<b>Equipment Sizes (Inches)</b>					
<b>UNIT</b>	<b>WIDTH (inches)</b>	<b>FOLDED HEIGHT (inches)</b>	<b>PROBE RAISED HEIGHT (inches)</b>	<b>WEIGHT (pounds)</b>	<b>LENGTH (inches)</b>
<b>Truck 5400</b>	82	93	125	10,000	
<b>6620DT (track rig) *</b>	60	89	141**	6,100	96
<b>7822DT (track rig) *</b>	64	100	166**	8,000	133
<b>54DT (track rig)</b>	48	65	123	3,700	90
<b>Hand Cart</b>	32.5	60	97	540	37
* Includes hollow stem auger capability					
** Height assumes use of 4 foot probe rods					
*** 153" (12.75 ft) = Min height for 5' H.S.A using 66DT or 7822DT (winch removed)					
(Call in advance for 3 foot rod options. Hand cart uses 3 foot rods.)					